

UPDATED REPEATER INDEXES INSIDE!

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21st
Anniversary

SERA-
South Eastern
Repeater
Association, Inc.
Representing
Coordination and
VHF/UHF
Amateur Interests
Across The
Member States



REPEATER JOURNAL

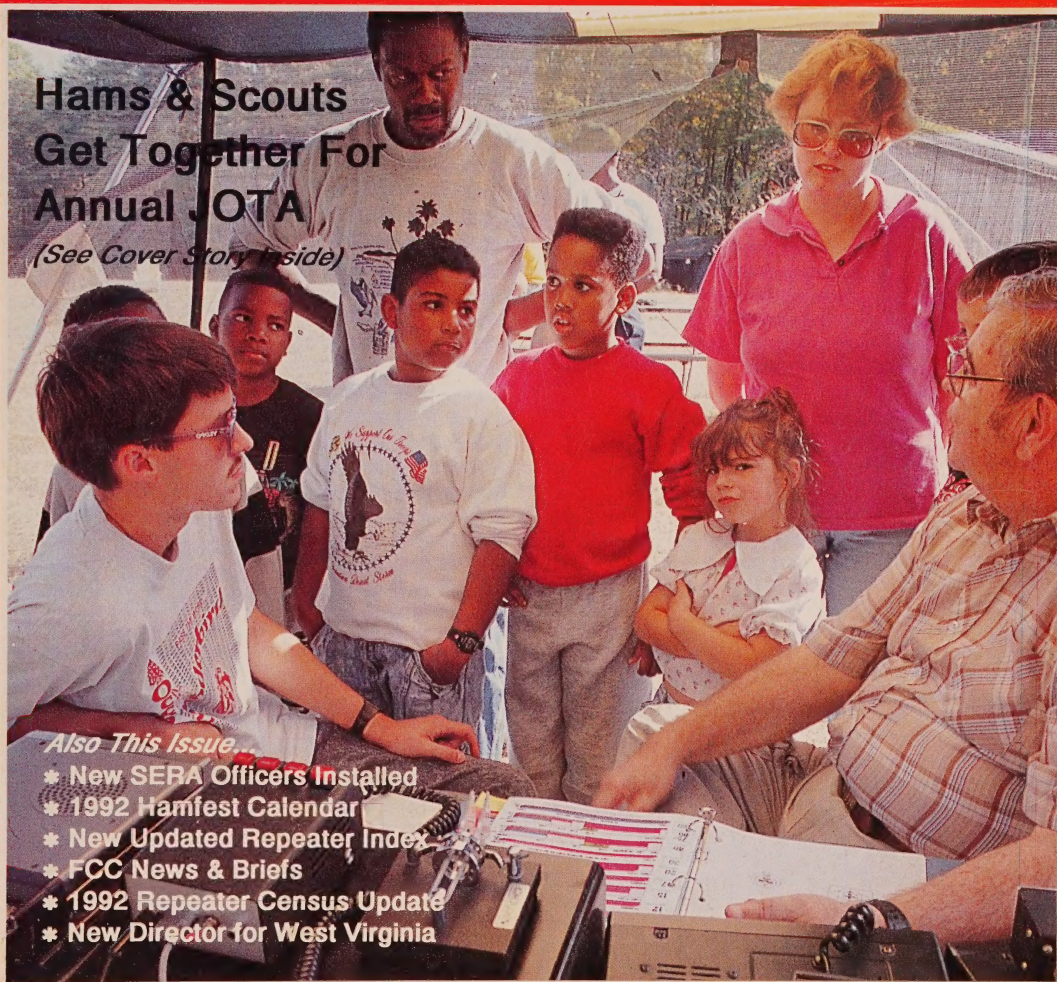
South Eastern Repeater Association, Inc.

of North Carolina, South Carolina,
Mississippi, Virginia, Tennessee, West
Virginia, Kentucky and Georgia..

Feb., Mar., Apr. 1992 2⁵⁰

Hams & Scouts Get Together For Annual JOTA

(See Cover Story Inside)



Also This Issue...

- * New SERA Officers Installed
- * 1992 Hamfest Calendar
- * New Updated Repeater Index
- * FCC News & Briefs
- * 1992 Repeater Census Update
- * New Director for West Virginia

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REPEATER JOURNAL

*The Voice of the
South Eastern
Repeater Assn., Inc*



Published 4 times a Year by SERA, Inc.

Feb., Mar., Apr., 1992

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Repeater owners and users are urged to contact local state SERA Directors/Vice Directors for assistance, information, coordination or other needs as required. Please call within reasonable hours and allow reasonable time for action! Remember SERA Officers work for you VOLUNTARILY.

Editorial Comment

let's be "DIRECTLY DIFFERENT"

by Ray Adams N4BAQ

Through the years we have never really had the membership representation among the repeater users that I thought the organization deserves.

Did you ever notice that many newly licensed hams will be enthusiastically active for several months or even a few years, then drop out of the picture for who knows what reason?

I believe much of our problem relative to low Associate membership is that we don't have a high enough profile to come to the attention of the newly arrived repeater user before he loses enthusiasm. That ham is anxious for information concerning repeater locations and frequencies, advertisements of the latest equipment, interesting articles relative to any of the many phases of amateur radio. THEY'RE LOOKING FOR THE REPEATER JOURNAL and don't know it. We know we are looking for them. How do we make contact?

We've tried contests, and they brought in a few members, but nothing spectacular.

We dropped about \$4,500.00 mailing an abbreviated special "Tennessee Edition" of the REPEATER JOURNAL to every amateur licensee in Tennessee, and from the 8,240 or so that were mailed, we got less than a hundred members. We obviously won't try that approach again.¹

Reviewing The SERA Election . . .

We kind of got cut short on time when you review just actually what happened to the election. We got a president elected, and actually everyone who mailed back a ballot was counted, but there was a lot of teeth knashing, complaining, griping and groaning about it from several vocal members.

I guess the main culprit was the phrase in the Bylaws which states: "All nominations shall be to the Secretary no later than, noon November 30th." Which is confusing.

Unfortunately, the nomination form published in the November Repeater Journal said, "Nominations must be postmarked no later than November 30." I as the editor accept full responsibility and blame (if any) for this.

A "floor nomination" was made from West Virginia on behalf of Carter Cogle, K4ARO for President and postmarked November 30th. This of course called for an election.

The secretary construed the Bylaws to mean, all nominations should be in her hands by November 30th. An English professor said when he read the Bylaw passage, that it was open to debate just when we meant.

On December 4th, the secretary received the nomination in the mail, correct as prescribed in the Repeater Journal.

The Executive Committee instructed the Secretary, via a telephone call from me to proceed posthaste with an election.

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REPEATER JOURNAL



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Volume 21, No. 1
ORGANIZED IN 1971
"Celebrating Our 21st Year"

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About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users invited to join SERA as Associate Members. Only \$6.00 per year will enable Amateurs to support the organization and receive the "Repeater Journal." Associate Membership deadlines are the 15th of the month preceding months of publication - Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Tobaccoville Post Office Box by these deadlines to receive the next upcoming *Repeater Journal* published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published *Repeater Journal*, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (*Repeater Journals* mailed 1st Class rate) are limited to one year memberships at \$10.50 per year. Regular membership *Repeater Journals* are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications. Members should wait until next Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and \$15.00 should be submitted for the annual Full Membership fee. Two Full Members receive the *Repeater Journal* from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index. Full Memberships all expire on December 31 of each calendar year. Write SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215.

About the SERA Repeater Journal

The SERA Repeater Journal is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material contained in the Repeater Journal, provided proper credit is given. The Repeater Journal Editor will swap newsletters with other Repeater Councils, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, ONE month prior to publication. News deadlines are the first of the month prior to publication month. The Repeater Journal is entered as Third Class Mail at the Post Office in Greensboro, N.C. Cover price for the Repeater Journal is \$2.50 and also available from numerous retail Amateur Dealers in the surrounding 8-state area. All news and Newsletter exchanges should be mailed to the Editor: Wayne C. Williams K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

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SERA, SouthEastern Repeater Association, Inc. is one of the largest, most well known non-profit Repeater Coordinating Councils in the United States. SERA territory covers over 1,400 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 21st Anniversary in 1992 with a continuing goal - to serve the repeater owners and users of the Southeast, by providing a voice of communications, information and education with the publication of *The Repeater Journal* and guidance of our Officers and Directors.

SERA Board Holds January Meeting

Installation of new officers, naming a new Director and Vice-Director for West Virginia, By-Law changes, Point-to-point control frequency changes on 220 MHz and the approval of indicating uncoordinated repeaters in the index was part of the agenda of the January SERA Board meeting in Knoxville, Tn.

-by Wayne C. Williams, K4MOB
Editor, The Repeater Journal

The SouthEastern Repeater Association, Inc. held their Annual Winter meeting on January 4-5 at Knoxville, Tn. with informal meetings Saturday night and formal session Sunday.

Representing 6 of 8 States were voting Directors or Vice Directors. All officers were present, and most Appointees.

Leading the agenda was installation of newly elected President, Dave Shiplett, AC4MU of Warner Robbins, Ga.

Also installed were: Nita Wofford, N4DON, Vice-President of Memphis, Tn.; Barbarra Gregory, WA4RMC, Secretary of Chattanooga, Tn; and Ray Adams, N4BAQ, Treasurer of Knoxville, Tn. These three officers were not opposed and were automatically elected.

With the resignation of Karl Morris, WD8GDY as Director of West Virginia, R.T. "Dick" Fowler, N8FMD of Clarksburg was elevated from Vice-Director to Director (as per SERA Bylaws) Harold Alex Hedrick, N8FWL of Bluefield was appointed by the Board as the new West Virginia Vice Director.

Upon recommendation of Fowler, G. Dave Ramezan, KA8ZXP of Norman-town was appointed and approved by the Board as Assistant Director.

Fowler said that the State of West Virginia will be divided in half North and South, he being the coordinator to contact in the Northern half, and Hed-

rick being the coordinator to contact in the Southern half.

In individual Director reports, all Directors present indicated that things were moving well in their Districts, with no real problems.

David Ward, KA4LVO, Computer Records Manager and Membership Chairman reported a record number of Full Member repeaters had already sent in their Full Membership applications. He said Associate Membership had also increased by almost 300 in the past 4 months.

Ward also told the group of promotions aimed at attracting more Associate Membership into the organization. He said that we now have 11 Amateur related dealers selling Repeater Journals in their store and at Hamfests. These dealers now also have Associate Membership applications. They stamp their store name on the back of the application, and each one that comes into SERA as a member, a bonus credit is given to that dealer in the form of "Bucks" off their advertising bill, or their Repeater Journal copies bill. He said most of the dealers were quite excited about the new plan, and 3 or 4 were getting dozens of applications back with their names on the back.

Another promotion initiated by Ray Adams through all the VECs involves SERA coupons which will be distributed at all VE examination sessions to new hams who pass their Technician test. The coupon is good for a free copy of the Journal. If they join as an

Associate Member, a code identifies them as receiving the coupon at a VE test site, and they get an extended 15 month membership for only 1-year fee. This promotion is aimed at the new hams coming into the ranks, who are hungry for information on operating procedures, indexes and other educational aids. Adams said the Repeater Journal is "must reading for the new Amateur." (See separate story and editorial on this promotion.)

The SERA Board, on recommendation from Steve Grantham, N5DWJ, Mississippi Director, voted to modify the 220 MHz. Point-to-Point Control frequency assignment. Every other channel is recommended used with horizontal polarization. (See separate story).

Perhaps the most discussed item on the agenda was the suggestion that uncoordinated repeaters be identified in the Journal repeater index. This item had come up over the years several time, but had been tabled. This time, it was brought out the most up-to-date database available is now in place, and accurate identification of these repeaters was now possible.

Directors will make the decisions as to which machines are identified as uncoordinated and notify the Computer database manager. (See separate story)

The Treasurer acknowledged a \$100 gift from one of our Full Member repeater groups, accompanied by a note, thanking SERA for their work and cooperation. The Board expressed their thanks to the repeater group, which obviously wished to remain anonymous.

Some housekeeping was also done to the SERA 220 MHz. band plan, correcting some errors and typos in the database version.

The Board also discussed changes to the Bylaws concerning elections, to clarify and make more realistic time slots when elections are required. The President appointed a committee to look into this and draw up recommendations.

Ray Adams told the Board that SERA was in good financial shape and no dues increases for either Full or Associate was recommended at this time. He said excellent advertising support in the Repeater Journal was holding down other costs by higher than normal revenues, making the publication pay a larger part of its own way than usual, thus helping existing membership dues remain sufficient to carry out the job needed by SERA.

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1992 Charlotte Hamfest and Computerfair**

It's Really March 7 & 8, 1992

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Show Hours: Saturday, 9:00 am to 5:00 pm, Sunday, 9:00 am to 2:00 pm

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Send your completed form 610 with a photocopy of your present license, and any certificates you have, plus \$5.00 fee payable to:

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Thousands of dollars worth of fabulous prizes will be given away both days, as well as a special preregistration prize for the folks who register early.

NOTES

The Merchandise Mart Charges \$2 for parking in their lot. All parking receipts go to the Merchandise Mart, none go to the Hamfest. The Merchandise Mart forbids tailgating in their parking lot. No weapons will be permitted for sale or display. Smoking allowed in designated smoking areas only. No smoking on the main exhibit floor.

FLEA MARKET

Bring Something to cover your table for security overnight. Bring your own dolly. The Charlotte Hamfest will not supply dollies to unload your goodies, however, we will have a troop of CAP Cadets to help you get your stuff inside. The loading dock door will open for unloading at 7:00 am on Saturday, and 8:30 am on Sunday. Only persons with admissions tickets and table assignments will be allowed entry from the loading dock. The loading dock door will close at 9:00 am. General admission entry is at the Liberty Hall Entrance at 9:00 am.

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6 ft. SwapFest Tables _____ @ \$18.00 = \$ _____
Chairs _____ @ \$1.00 = \$ _____
Electrical Hookup _____ @ \$40.00 = \$ _____

SERA Board Accepts Election Results

The SERA Board of Directors accepted the election results at their annual meeting in January at Knoxville.

Final results indicated that Dave Shiplett, AC4MU was elected President, with 74% of the votes cast from SERA Full Membership.

Nita Wofford, N4DON, Ray Adams, N4BAQ and Barbara Gregory, WA4RMC were returned to the offices of Vice-President, Treasurer and Secretary respectively with no opposition.

Barbara Gregory, WA4RMC, Secretary who handled the election mailing to all Full Members reported that all votes received were counted and approximately 30% of the Membership returned votes.

She said the mailing got off a couple of days late, due to a very short time frame allowed to make up ballots and letters, have them printed, obtain labels, and prepare the package for 986 Full Members and get them in the mail.

In turn, she said, they waited 3 days after the deadline before closing out the election. She said only 3 votes came in late. They were accepted and counted. Others who received ballots late in the time period, would have been counted had they only mailed in their ballots.

Executive Committee Adds New Member

-From Board Meeting

The SERA Board of Directors renewed their support of Wayne Williams, K4MOB, and Ray Adams, N4BAQ by re-appointing them to the SERA Executive Committee. The newly elected president, Dave Shiplett, AC4MU was appointed the third member.

The SERA Executive Committee is responsible for taking care of emergency decisions of priority which must be made in a very short period of time. Most executive committee meetings are held by conference telephone calls.

The Board has charged this committee of having the capacity and authority to make decisions on behalf of the entire Board when time does not permit an assessment of the entire Board. This capability bestowed on the 3 man Executive Committee, enables decisions whether National in scope, or local to be made if necessary in a few hours.

The Executive committee acts on behalf of the entire Board and is responsible to the SERA Board of Directors.

SERA Board Adopts Point-To-Point Proposal On Control-Link Subband

-From the Board Meeting

In the SERA 220 MHz Frequency Utilization plan, the edge of SSB is at 222.20 MHz. Channel center frequency for the first link frequency on point-to-point control frequencies starts at 222.20 MHz. At this particular frequency, since SSB is horizontally polarized, and FM (control) is vertically polarized, no interference is expected.

At the top end, 222.35 MHz, is the channel edge of a high speed digital channel with a 100 KHz bandwidth. Some problems could probably exist here.

To eliminate problems in the squeezed bandplan, the SERA Board adapted a proposal by Steve Grantham, Mississippi Director.

Essentially Grantham suggested every other control link frequency channel be horizontally polarized even though the mode is FM. This would eliminate problems especially at the high end year the digital channel. It would also eliminate any feed over of two nearby 10 KHz apart control links.

The modified Control-Link bandplan is as follows. (V) denotes Vertical polarization and (H) denotes Horizontal polarization for each frequency:

Point-To-Point Control Channels

222.200 (V)	222.210 (H)	222.220 (V)
222.230 (H)	222.240 (V)	222.250 (H)
222.260 (V)	222.270 (H)	222.280 (V)
222.290 (H)	222.300 (V)	222.310 (H)
222.320 (V)	222.330 (H)	222.340 (V)
222.350 (H)		

The new alternating polarization modes for the 10 KHz. spaced control channels will have the benefit of cross-polarization attenuation, and will give maximum use of subband spectrum.

SERA Directors will be suggesting use of these alternating polarization methods and frequencies to repeater owners in future coordinations. Existing users of the frequencies would do well to consider the changes in polarity if necessary as more channels fill with control operations and more potential cross interference problems become apparent.

440 MHz Band Growing Most

The fastest growing VHF/UHF band is the 70 cm band. Over the past 5 years more 440 repeaters have been placed on-the-air than 2M in most states.

Manufacturers indicate that more 2/70 Dual band mobile and handheld radios are selling than ever before.

SERA QUARTERLY FINANCIAL STATEMENT

-by Ray Adams, N4BAQ, Treasurer

FINANCIAL REPORT FOR CALENDAR YEARS 1987, 1988, 1989, 1990 AND 1991

Dues	\$6/\$15	\$6/\$15	\$6/\$15	\$6/\$15	\$6/\$15
REVENUES	1987	1988	1989	1990	1991
Advertising	\$ 6,611.50	\$ 8,372.00	\$10,838.50	\$13,606.30	\$11,928.15
Associate membership dues	13,412.00	13,617.50	13,826.25	10,861.50	12,451.00
Full membership dues	4,070.25	5,972.50	5,336.00	8,122.50	9,659.00
Decals	31.00	116.50	31.00	123.00	240.75
Postage - includes Hot-P	273.50	180.00	238.50	236.50	276.75
Interest	401.80	526.52	277.26	432.31	480.98
Hats	63.00	47.50	-0-	-0-	-0-
Contributions	102.00	45.00	336.40	100.00	50.00
Other	16.90	12.00	196.25	224.00	300.00
	\$24,981.95	\$28,889.52	\$31,080.16	\$33,706.11	\$35,386.63
EXPENSES					
Journal mailing	\$ 2,511.95	\$ 2,777.70	\$ 3,807.79	\$ 3,145.14	\$ 4,066.59
Journal production	16,553.59	20,703.90	20,869.73	18,532.47	17,341.75
Miscellaneous	120.13	199.56	153.75	147.84	96.61
Travel and meetings	2,051.22	1,241.72	2,424.98	1,469.98	847.86
Office expenses	171.10	367.96	1,051.70	728.97	1,478.96
Amortization of office machines	875.63	862.24	1,125.90	1,322.52	2,059.43
Postage - other than journal	721.06	1,153.74	1,696.36	1,735.72	2,372.71
Printing - other than journal	848.63	1,115.57	515.12	1,350.43	263.99
Telephone	442.37	995.83	494.04	753.91	1,439.22
	\$24,295.68	\$29,418.22	\$32,139.37	\$29,186.98	\$29,967.12
REVENUE OVER (UNDER) EXPENSES	\$ 686.27	(\$ 528.70)	(\$ 1,059.21)	\$ 4,519.13	\$ 5,419.51
Balances, beginning of year:					
Expenses advanced	\$ 900.00	\$ 900.00	\$ 900.00	\$ 900.00	\$ 900.00
Invested in office machines	2,571.63	1,696.00	3,026.00	3,203.60	2,749.00
Cash in bank	5,690.15	7,252.05	5,393.35	4,156.54	9,130.27
	\$ 9,161.78	\$ 9,848.05	\$ 9,319.35	\$ 8,260.14	\$12,779.27
EQUITY TO ACCOUNT FOR	\$ 9,848.05	\$ 9,319.35	\$ 8,260.14	\$12,779.27	\$18,198.78
Less: Expenses advanced	\$ 900.00	\$ 900.00	\$ 900.00	\$ 900.00	\$ 900.00
Invested in office machines	1,696.00	3,026.00	3,203.60	2,749.00	4,340.50
	\$ 2,596.00	\$ 3,926.00	\$ 4,103.60	\$ 3,649.00	\$ 5,240.50
CASH IN BANK	\$ 7,252.05	\$ 5,393.35	\$ 4,156.54	\$ 9,130.27	\$12,958.28

Our World of Amateur Radio 1991-The Year In Review!

*Our thanks for the assistance provided by the
W5YI report, and Westlink Report for this Repeater Journal special.*

The Year's Top Story!

Obviously the top story of 1991 in Amateur Radio was the start of the long awaited "Codeless" class license.

The FCC basically removed the 5 WPM Morse code requirement from the existing Technician Class Amateur operator license. They had originally planned to replace the Novice level with a new Communicator Class.

Codeless Techs were allowed to operate all ham bands, modes and emissions above 30 MHz. Those passing the 5 wpm telegraphy requirement would be known as "Tech Plus" and gain the Novice level HF spectrum below 30 MHz.

This of course, created two paths into Amateur radio. The regular Novice who passed the code, and upgraded from there, and the new codeless Tech, who could then pass the code and upgrade to General with proper code requirements taken care of.

The first codeless Technician license was issued on March 12th, 1991. As predicted by the FCC, the Technician route into ham radio has become the most preferred path. The number of beginners joining the ham ranks has now doubled to over 4,000 per month.

Implementation of the new license was rapid, only 60 days after consent by the FCC. The first Codeless Technician license was issued on March 12th.

Code Test and Disabled Amateurs

At about the same time of the Codeless license, the FCC voted to change the regulations to include new procedures for exempting disabled Amateurs from the 13 and 20 wpm Morse

tests required for upgrading. The new rules allows doctor-certified severely handicapped Amateurs to receive exemption credit for the higher speed code tests.

Due to international radio law, the 5 wpm must be passed by everyone - including the handicapped. The new physician-certified telegraphy exemption policy replaced the previous temporary waiver system.

Ham News Broadcasts, Language, Etc.

Hams continued during 1991 to question what constituted permissible amateur communications, especially those involving hams news broadcasts, providing communications for others, network operation, indecent language, phone patching, promoting business activity, packet messaging, and the like.

Amateurs were cited by the FCC for stepping over the line, a line in many respects of uncertain location. Even the commission seemed unsure where "free speech" ends and "prohibitions" begin.

Early in the year, several hams were cited for unknowingly (and automatically) retransmitting an anti-war packet message supposedly originated by another politically active ham.

The commission believed that the message was a prohibited communication in that it advanced the business interests of "The Coalition to Stop U.S. intervention in the Middle East."

The action caused immediate pandemonium in the ham community. Many said it would shut down the amateur high-speed packet network since there was no way thousands of messages passing through a mail switch could be reviewed by a human control operator one-by-one.

Most thought the responsibility for improper third-party

Continued on Page 8

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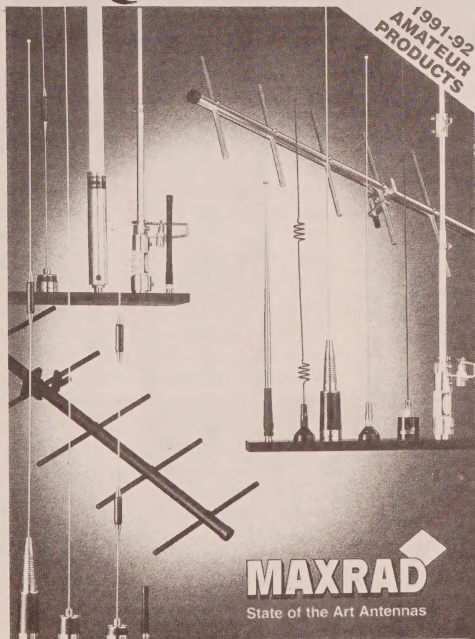
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The Year in Review - Amateur Radio for 1991

Continued from Page 7

messages rested with the sender and not with the delivery system.

In early March, two Texas amateurs filed a petition with the FCC requesting that the originator of prohibited communications over amateur radio be held essentially responsible for the substance; with operators of intermediate relay stations having only secondary liability.

In August, Private Radio Bureau Chief Ralph Haller told about how his office is constantly being bombarded by requests from amateurs and ham groups to provide what has traditionally been non-amateur communications. These include logistical support for parades and races, communications for various non-profit, government and public safety agencies, assisting the news media, aiding classroom instruction, conducting personal and club business over the air, and the like.

Haller acknowledged that the current rules were unpopular in that they do not permit these types of activity.

Basically, Haller said in his speech, that the issue is whether the rules should be changed to allow amateur operators further flexibility without compromising the service. He said things could be done beyond what the current rules permit that do not compromise the amateur service.

Other events in 1991

Congressman Jim Cooper (D-TN) introduced H.R. 73, the Amateur Radio Spectrum Protection Act of 1991.

The bill essentially said, "The FCC shall not diminish existing allocations of spectrum to the amateur radio service after Jan. 1, 1991. The FCC shall provide equivalent replacement spectrum to the amateur radio service for any frequency reallocation after Jan. 1, 1991."

The bill was very popular, with many Congressmen joining, but at year end, the bill was bogged down in the House Telecommunications Subcommittee, and it appears that the bill will probably die in committee.

FCC Inspects Amateurs

During February, the FCC's field offices inspected 209 amateur radio stations around the country. Many had been the subject of interference complaints.

The objective was to determine the effect of power levels on received signal reports. Most of the stations experienced no reduction in communications capability with the power reduced by one-half or more.

The conclusion of the power audit was that most amateur stations were not operating at minimum power as required by the rules and that reduced power can alleviate RFI problems without an accompanying deterioration in communications capability.

Novice & Technician Subband on 80M

The Commission changed the subband for CW down 25 khz on the 80M band. The purpose was to eliminate the congestion in the upper half of the Novice CW segment caused by Canadian amateur use for voice transmission.

The new CW Novice subband is 3625 to 3724 khz.

220-222 Lost by Hams

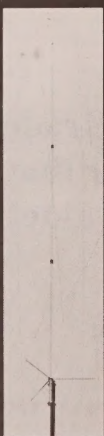
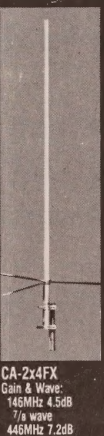
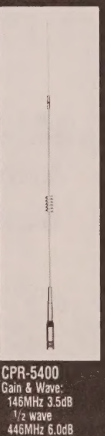
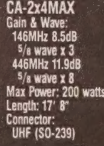
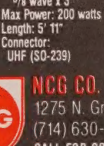
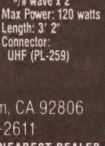
In August, use of 220-222 MHz. was no longer available for amateur use, as the FCC gave that portion of the band to business for 200 5 khz narrowband channels.

In June the ARRL petitioned the FCC for amateur access to the 216-220 MHz band to re-accommodate data links and other point-to-point communications lost on 220-222.



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 NEW! CA-2x4WX Gain & Wave: 146MHz 6.5dB 446 MHz 9.0dB 5/8 wave x 2 Max Power: 200 watts Length: 10' 2" Connector: UHF (SO-239)	 CPR-5800 Gain & Wave: 146MHz 5.0dB 446MHz 7.6dB 5/8 wave x 3 Max Power: 120 watts Length: 5' 11" Connector: UHF (SO-239)	 CPR-5400 Gain & Wave: 146MHz 3.5dB 446MHz 6.0dB 5/8 wave x 2 Max Power: 120 watts Length: 3' 2" Connector: UHF (PL-259)	 CA-2x4SR Gain & Wave: 146MHz 3.8dB 446MHz 6.2dB 5/8 wave x 2 Max Power: 150 watts FM Length: 3' 4" Connector: UHF (PL-259)
 CA-2x4MAX Gain & Wave: 146MHz 8.5dB 446MHz 11.5dB 5/8 wave x 8 Max Power: 200 watts Length: 17' 8" Connector: UHF (SO-239)	 CPR-5800 Gain & Wave: 146MHz 5.0dB 446MHz 7.6dB 5/8 wave x 3 Max Power: 120 watts Length: 5' 11" Connector: UHF (SO-239)	 CPR-5400 Gain & Wave: 146MHz 3.5dB 446MHz 6.0dB 5/8 wave x 2 Max Power: 120 watts Length: 3' 2" Connector: UHF (PL-259)	B-20 NMO — With NMO Connectors  B-20 Gain & Wave: 146MHz 2.15dB 446MHz 5dB 1/2 wave x 2 Max Power: 50 watts Length: 30" Connector: UHF (PL-259), OR NMO (B-20 NMO) B-10 NMO — With NMO Connectors  B-10 Gain & Wave: 146MHz 0dB 446MHz 2.15dB 1/2 wave Max Power: 50 watts Length: 12" Connector: UHF (PL-259), OR NMO (B-10 NMO)



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N-male Conn. w/o Leads

Reviewing 21 Years of Repeaters

-by Wayne C. Williams, K4MOB

I decided to go a little farther back this year! Usually our annual repeater census dates from 1983 to the present date. This year, we decided to go all the way back to the beginning . . . the year of 1971, when only repeaters in North Carolina were counted by our organization, then the North Carolina FM Repeater Association. In 1974 we added Virginia and South Carolina and became CVRA (Carolinas-Virginia Repeater Association). In 1980, we added West Virginia and Tennessee and became CVRA-SERA then SERA. In 1986 we added a portion of Kentucky, and Georgia. By 1989 we now had Mississippi in the census.

In the charts on the side of this page, we have broken down repeaters by band, and by State for each year.

In the early years when certain states were not counted, I have placed an "N" beside that state. If a zero is in place, it means we had none on that band in that particular state for that year. We have grown from 15 repeaters in 1971 to almost 1,500 in 1992.

The Growth Years

The biggest growth years for all repeaters in Virginia, North Carolina and South Carolina seemed to be 1976 through 1979. The three states jumped from 95 repeaters in 1975 to 281 in 1979.

The 220 MHz explosion began in 1977 when several manufacturers began selling off their 220 FM rigs at very inexpensive prices. 220 was on its way to catch the 440 repeaters, but started stalling in 1980 and moderated in growth.

On the other hand, since 1985, the 440 MHz band has been growing at a frenzied pace. Most years, 440 repeaters were coming on line - more in number than 2-meter repeaters were. The slow down in 2-meter repeaters is obvious - the band is essentially full in most medium to heavy populated areas.

In 1992, today, as it has been for several recent years, it is virtually impossible to find a single 2-meter channel to place a repeater in very large areas of most all States, especially the larger states.

Occasionally our Directors will find a hole where another 2M machine can go on, but even those are becoming rare.

We do notice that more repeaters are going PL (sub-tone) accessed. This is not to prevent users from working the repeater, and does not designate the machine a closed repeater. It is merely the owners way of preventing interference from adjacent channel, and co-channel repeaters at a distance. Good band conditions with repeaters stacked as they are today, is a situation where users of one repeater are often keying up one at a distance. PL is the best thing known to prevent the problem. Most of today's new radios have built-in PL tones, so users won't be put out to any additional expense if the PL is required for the home repeater.

The 1992 Census Stats

Once again we went to the SERA Repeater Database, and counted all the repeaters in all states on each band.

The new count showed a couple of surprises. Our 8 SERA states now have a total of 1,601 repeaters on all bands, a gain of 193 machines since our count in February of 1991.

I might add, we have a small margin of error in this increase. As we send out data sheets, and get better information across the 8 states, unknown repeaters are now being counted, which had not been counted before. But since we cannot distinguish between them and new machines, we add them to the total. We might also mention that more than 191 repeaters probably came on the air in 1991. Some repeaters went off the air, and they were replaced, causing the total to set still.

Strange! 2-Meters was the growingest band in 1991 (thought the band was already full) as 66 new 2M machines were added. Hanging in there was the 70 cm band as 54 new 440 machines came on the air.

220 is still moving, its biggest gain in 4 years, as 27 new machines came on. Others included 4 more 10-meter, and 3 more new 6M machines.

Tennessee led all states with 40 new machines last year, followed by Georgia with 34. West Virginia is sticking pretty close to its old mark by picking up only 3 new machines in 1991.

Another interesting aspect of looking over the 8 states of repeaters. In 1986, there were over 4 times as many 2-meter repeaters as there were 440

		COVERS YEARS 1971 THRU 1993													
		SOUTHEASTERN REPEATER ASSOCIATION, INC. - REPEATER GROWTH BY BAND, BY-STATE OF EACH CALENDAR YEAR													
		1971-1979, 1973 only North Carolina counted in organization, (NCFRA) 1974 South Carolina and Virginia added to organization, (CVRA)													
		1980-1989, 1983 only North Carolina counted in organization, (NCFRA) 1984-1989, 1983 only North Carolina and Virginia added to organization, (CVRA)													
		1990-1992, 1991 only North Carolina counted in organization, (NCFRA) 1992 only North Carolina and Virginia added to organization, (CVRA)													
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		2023, 2022 only North Carolina counted in organization, (NCFRA) 2023 only North Carolina and Virginia added to organization, (CVRA)													
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		2027, 2026 only North Carolina counted in organization, (NCFRA) 2027 only North Carolina and Virginia added to organization, (CVRA)													
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		2030, 2029 only North Carolina counted in organization, (NCFRA) 2030 only North Carolina and Virginia added to organization, (CVRA)													
		2031, 2030 only North Carolina counted in organization, (NCFRA) 2031 only North Carolina and Virginia added to organization, (CVRA)													
		2032, 2031 only North Carolina counted in organization, (NCFRA) 2032 only North Carolina and Virginia added to organization, (CVRA)													
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		2038, 2037 only North Carolina counted in organization, (NCFRA) 2038 only North Carolina and Virginia added to organization, (CVRA)													
		2039, 2038 only North Carolina counted in organization, (NCFRA) 2039 only North Carolina and Virginia added to organization, (CVRA)													
		2040, 2039 only North Carolina counted in organization, (NCFRA) 2040 only North Carolina and Virginia added to organization, (CVRA)													
		2041, 2040 only North Carolina counted in organization, (NCFRA) 2041 only North Carolina and Virginia added to organization, (CVRA)													

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- Indoor Fleamarket
- RARSfest Social
- Homebrew Contest
- Hamfest Prizes

A welcoming party will be held Saturday night from 7 to 9 PM in the large meeting room inside the hamfest building (Wouff Hong follows at 9:30).

- **Amateur Radio Exams**

Exams by preregistration only. No walk-ins accepted. **Deadline for exam preregistration: April 4th, 1992.**

Exams will be held in the Holshouser building PROMPTLY at 11 AM. Send completed form 610, copy of current license, code/theory certificates (CSEs). If applicable, indicate the highest class of license you desire to be tested for and include a check or money order for \$5.40 made out to "RARS-VE" to: Vince Yakamovich, AA4MY, 220 Carriage Trail, Raleigh, NC 27614 (919) 847-8512 (Exam information only)

Pre-registration, hourly and major prizes drawn during the day. You need not be present to win pre-reg. or major prizes.

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_____ Tables 1-4 with 2 chairs @ \$9.00 ea. \$ _____

_____ Tables 5 + @ \$8.00 ea \$ _____

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PCB-88	PK-88 CARD IBM-PC W/SOFTWARE	159.95
PK-88	PACKET TNC RS-232C OR TTL	137.95
AEA-FAX	HW/SOFTWARE MULTI GRAY LEVEL	99.95
PC PAKRATT	PAKRATT II IBM SOFTWARE WITH FAX	64.95
PC 88	PC PAKRATT SOFTWARE FOR PK-88	44.95
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A Letter From The SERA President

As I start out the new year as President of SERA I want to thank Carter Cogle, K4ARO, for his support and direction to SERA and its members these past eight years.

There are three objectives I would like to see SERA accomplish in the new year. The first is to increase full and associate membership figures in all of our states. The second is to increase the number of articles in the journal concerning amateur radio activities in each state. The third is to provide education and training for new hams. Each objective directly relates to the other objectives. Full and associate members and non-members of SERA will all benefit from improvement in each of the objectives.

The FCC opened the doors of the amateur radio service to a new class of amateur radio operator in 1991. Since that time we have had an influx of new ham activity. Some repeater groups are working heavily towards recruitment and training for the new hams. Your membership support of SERA will directly benefit all repeater users. SERA directors, vice-directors, and assistants are willing to assist your organization in providing a guest speaker or forum for your meeting or hamfest. Contact your state SERA representative for more information.

The SERA Journal is an excellent magazine to recommend to new hams. Since our organization is directed at repeater activity, what better forum to provide information to the new ham? There is a catch to that statement, however. SERA needs your support in order to reach new hams. I urge you to submit articles to the SERA Journal about activities and projects that are of interest to hams. I further encourage each of you to read the SERA Journal and discover what your fellow hams are doing. How is your group raising money for that new controller, link or whatever? How are you attracting new hams to the hobby? What new equipment have you bought or operated? How does it perform? The SERA Journal is your voice to fellow hams who have similar interests. Write an article, send some pictures...tell the amateur fraternity about what is happening in your area.

The challenge to provide training and maintain high standards is not impossible. We have done it for years. "Elmers" have been around as long as amateurs have been active in radio. Although the FCC rules concerning amateur radio can be learned by just about anyone, operating procedure is taught and demonstrated on a daily basis on our repeaters and HF bands. We all need to be "Elmers" by demonstrating proper and acceptable operating procedures. And, in the process of educating the new amateurs, we can share the mutual enjoyment of our hobby.

As repeater owners and operators we need to pitch in and actively work with all new amateur radio operators in maintaining high amateur standards. As a repeater owner/user, how are you helping new hams? Who is explaining intermod, desense, deviation, channels??? that other repeater that is sometimes heard on "your" frequency? Comprehensive articles and information from the SERA Journal will assist your education and training programs for new hams. Again, we rely heavily on you for the information that will make each issue more successful.

As activity increases, repeater complaints will probably increase. Users will want better coverage, additional repeaters will be added and your director will be called on to help resolve the problem. Remember, your state director is a ham just like you: he does not get paid for trying to help coordinate or solve repeater problems. Your support of SERA assists repeater coordination efforts.

SERA will continue to lead the way. With your help we will provide effective spectrum management, technical support, training, and general information to the amateur radio community. Have a GREAT year!

-Dave Shiplett, AC4MU, SERA President

Continued from Page 1

According to the Bylaws, Ballots should be in the mail no later than December 4th. Realistically this was now impossible. Labels were rushed to Barbra, quick ballots were printed, along with a cover letter. Then the whole mess had to be gathered together, with another S.A.E. and placed in an outer addressed envelope with labels stuck on, sealed, stamped and mailed.

Fortunately working most of a couple of nights, Barbra was able to get the envelopes in the mail on or just after the 7th of the month.

The catch was, the preprinted ballot said it should be returned postmarked no later than December 14th. Unfortunately, no one thought to change the deadline until it was too late and everything was finished. With our postal service being what it is, some repeater owners didn't get the ballot mailed out of Chattanooga until the 10th or 11th. This of course seemed like an impossible situation. (It took four days to get there, how could it get back in 3 days) The problem most didn't note, the ballots were to be postmarked no later than December 14th, not in her hands by the 14th.

Consequently several repeater owners chose to write nasty letters of accusation to the Secretary, to David Ward and others. We were accused of "fixing" the election.

I personally think this is the most ridiculous accusation I have ever heard, and feel it was just a "cop out" on the part of those who complained.

To be on the safe side, the Secretary waited 4 days after the deadline to seal the ballots for the tellers to count. She said only 3 ballots came in late, and they were accepted and counted.

Just think, if all those who complained had taken the time to mail their ballots, instead of writing nasty letters and irate phone calls, their ballots would have been counted.

Actually 30% of the membership chose to do the later. Their ballots came from ALL states, and all came in on time, and all were counted.

I was not involved in the election, but I have worked with ALL the others involved and I can only applaud their excellent job in getting an seemingly impossible chore done, in a very short time. I know each of them, I have no reason not to trust any one of them. So I personally feel those accusations which came in are completely unfounded, and very unfair. I wonder how any one of them would have done, if they had been placed in a similar circumstance. Probably not as well.

I am proud to work with the people who run SERA. I totally support all of them, including our new president, and know that each will continue to do the best job they know how.

Meanwhile, I think what we need to do is to change the Bylaws in such a way that a more reasonable time frame is available when elections are called for.

From our past mistake of allotting such a short time, we have learned, and will remedy the situation before another election is possible. Actually we haven't had much practice in elections. This is only the second one I can recall in my 16 years of SERA.

Let's forget the incident, and go about the business of getting our new friends in Amateur radio to feel welcome and at home on our bands.

If any of you still feel some problem about the election, I invite you to write me, and I'll try to explain more carefully and detail the problems we were beset with. Otherwise, let's carry on. We can't let a few hotheads mess things up for everyone else . . . can we? Those of you who exercised your right, trusting we were doing what was right, and mailed in your ballots, we thank you. Your support is much appreciated and welcomed.

-Wayne C. Williams, K4MOB
Editor, The Repeater Journal

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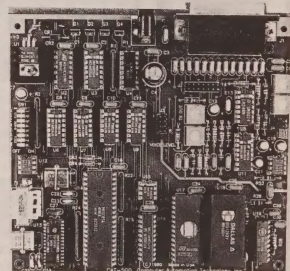
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A Sad Farewell To An Old Friend and Fellow Amateur

-by Wayne C. Williams, K4MOB

L. Phil Wicker, W4ACY, died of Cancer on Thursday January 2 at his home in Greensboro, N.C. His death was no surprise to. He had been in declining health for several months and the end was predicted very soon.

Nevertheless, when we heard the news, we felt empty . . . lost . . . we had lost a good friend, and an outstanding Amateur.

His funeral service was conducted by a pastor and friend, Jim Sheets, WB4NAU. Jim and his wife Aletha, N4VCA sang duets providing music during the service.

In his eulogy, Jim said, "Phil felt that Amateur Radio was not a hobby, but rather a service."

The parking lot at the funeral home was filled with cars bearing Amateur license plates from everywhere. A tribute to the man, so many knew and loved.

Phil was the kind of man who was always there to help you along. He was the politician's politician. He was able to avoid or quell controversy with just a few kind words of wisdom, and people always listened to him.

I first met Phil at the old Greensboro Radio Club house (W4GG) in the late '60s. It was his warm friendliness that caused a large number of "younger" hams to join the "old" club.

Later as we began work with the then CVRA, and attended hamfests, we saw Phil everywhere. At that time he was the ARRL Roanoke Division Director and his belief was that he should be there . . . at every show.

His ARRL table always graced a prominent spot, and his presence was always evident. Phil was always promoting the League. He also felt that our Coordinating Council, CVRA and CVRA-SERA deserved a spot on his table, and he always kept a supply of applications and Repeater Journals to pass out. He was that way.

Phil always worked for ARRL and CVRA-SERA locally wherever he went. His warm, friendly manner gave the people he met a good feeling about the organizations he represented and they joined, many and often.

In his later years after he retired from an active role in ARRL, W4ACY continued to be active in Amateur Radio. It was his influence and help through his broadcast radio station at the coast that one of the main Amateur repeaters on the N.C. Outer Banks became a reality.

This repeater became very vital during those times of emergency with bad storms, Hugo, and when a barge

Wherever you saw him, there was a smile on his face. Whenever he was around, his influence touched you. This will be no more.



L. Phil Wicker, W4ACY

1908 - 1992

knocked out a large chunk of a bridge which spanned the mainland to the outer banks. For days, that repeater was the only communications people had with the Emergency services on the mainland and in Raleigh.

Phil had one of his final dreams come true when his daughter and her husband became hams just before Christmas. He rewarded them both with new transceivers.

Phil's wife Alice didn't travel as much as he did. She was content with staying home and taking care of their little corner of the world . . . away from the hustle and bustle of everyday life.

Alice didn't get her ham licence until the early '70s and Phil was delighted. Every trip, as he came in, you could hear him call WA4ZMA on the repeater, to let her know he was almost home.

A Timely Tribute in QST

One of the finest tributes I have ever seen for Phil Wicker, was written by Reed Whitten, AB4S, ARRL Section Manager for North Carolina. A large portion of his column in the December 1991 issue of QST was devoted to Phil.

Here is what he wrote:

"Last month I asked for suggestions for the person who has consistently done the most for Amateur Radio in North Carolina? My choice, who I promised to announce this month, is L. Phil Wicker, W4ACY. Phil has been licensed since 1930 and is a Charter Life Member of ARRL.

He served as Vice Director of the Roanoke Division from 1967 until 1974 when he became Director, an office he held until December, 1980.

Phil subsequently became Honorary Vice President of ARRL.

He first served as an Assistant Director of the Division during the period 1953-1966 and has again served in that capacity since 1981.

W4ACY has been an advocate and spokesman for our League and its activities (such as the ARRL Foundation and Scholarships) at Division and Section functions. Phil's involvement has not been limited to Division level activities. He is a past president of the Greensboro Radio Club, has been PAM, OVS, RACES Radio Officer and AREC (now ARES) EC.

Recently when the bridge to Hatteras Island collapsed, the W4ACY repeater on (most appropriately) Roanoke Island at Radio Station WOBR, was a critical communications link to the mainland. WOBR (and W4ACY) received emergency communications commendations from both NC Emergency Management and ARRL.

Phil has made significant contributions to the North Carolina Section, the Roanoke Division and to ARRL. His involvement has enhanced his enjoyment of Amateur Radio and earned the respect and thanks of his fellow Amateurs!!!"

-Reed Whitten, AB4W

Annual Repeater Census

Continued from Page 9

machines. In 1992, there are less than 3 times as many. A total of 254 new 2M machines came on in the 6 year period, compared to 227 70 cm machines, which has almost kept up the pace.

Not shown on the charts on page 9 is the 920 and 1270 MHz repeater count. Presently there are a total of 7 920 MHz repeaters and 7 1270 MHz machines operating in our 8 states. On 920, Georgia has 1, Tennessee 3 and Virginia 2. On 1270, Georgia has 3, Tennessee 3 and Virginia 1.

Tennessee remains our biggest repeater state with 335, followed by Georgia with 310 and North Carolina with 267.

Adding New Repeaters And Getting Full Membership Credit

-From David Ward, KA4LVO

When a repeater owner sends in his Full Membership application, he generally lists all repeaters he owns, and wishes to be listed as Full Members in the Repeater Journal.

If that same repeater owner places a new repeater on the air later in the year, often, it is not listed as a Full Member.

This is a problem that has been occurring often over the past years. The computer operator has no way of picking up that repeater automatically through a known Full Membership. He then, must be told by the repeater owner.

Ward suggested, when Full Member repeater owners place new machines on later in the year, they should write the SERA Full Membership address and tell the computer operator about the new repeater being an add-on to an existing membership.

The owner may use his membership number which is generally displayed at the top of the application, or he might merely give city, state, call and frequency of other repeaters already listed as full members.

He said new listings generally come from the Directors, and they have no way of knowing if a new repeater should join an existing Full Membership, and even if they did...which one?

Ward said the easiest way for everyone to prevent errors such as this is for the repeater owner just to take a minute of his time to write and be sure the new machine is picked up as a add-on member of SERA.

SERA Will Turn Over Its Database to ARRL

Carter Cogle, K4ARO, outgoing President of SERA sent a letter of release to David Ward, KA4LVO, SERA Computer Database Manager on December 30th authorizing release of the SERA Copyrighted Repeater Index to the ARRL for use in their 1992-93 National Repeater Directory due out in April.

The letter instructed Ward to release the indexes after agreements with ARRL and the receipt of a forthcoming letter confirming those agreements from Rick Palm, Field Services Director of ARRL. The letter will restate ARRL's support and recognition of SERA and its entire eight affiliated States.

The 1992-93 ARRL Repeater Directory will reflect the SERA updated database through the middle of January 1992.

Uncoordinated Repeaters Will Be Identified In Journal Index Soon

-From SERA Board Meeting

The SERA board voted to identify which repeaters in our index are uncoordinated repeaters. They instructed David Ward, KA4LVO to adjust the Repeater index database software so that a field will be available to clearly identify such repeater systems.

David told the Journal that he has already worked out the system in such a way that issuing the proper command will immediately identify which repeaters are uncoordinated in the index.

He said the symbol will be the "pound" symbol (#) and will appear just before the city listing of any such

repeaters classified as uncoordinated.

For instance, if there were an uncoordinated repeater in Tobaccoville, it would be listed.

#Tobaccoville KA4LVO etc.

The Directors decided after being brought up numerous times over the years, to go ahead and start listing these repeaters to allow coordinated repeaters who might be receiving interference, a little assistance as to the status of the repeater they might be having problems from.

David emphasized that the listings will be the responsibility of the Directors only and the Computer operator, nor the Repeater Journal staff has any thing to do with how the listings are made.

He said a few will appear in this issue but it would take perhaps a year to show all the uncoordinated ones.

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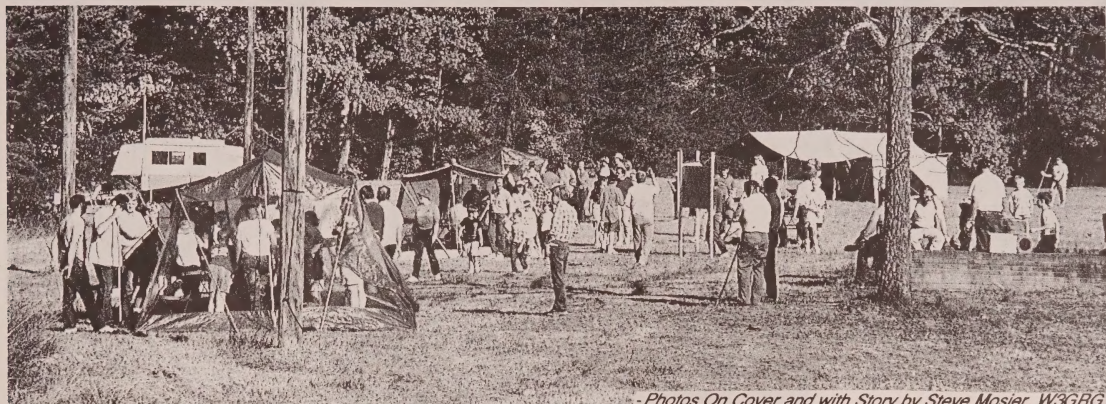
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- Photos On Cover and with Story by Steve Mosier, W3GRG

76 Group Participates in 1991 Scout JOTA Exercise

Cover Story

-by Steve Mosier, W3GRG

For me, Scouting and ham radio have always been linked. I learned the morse code at Camp Powhatan in Virginia when I was 12. Two years later, Hal Irwin K4BFO gave me the novice exam and I became KN4RMT (you could always spot a novice by the "N" back then).

Scout camp was also where I saw my first ham rig: the young counselor (he couldn't have been much older than 19 or 20) who taught code had a Collins 75A-4 and a KWS-1 rig at camp! Oh well, don't some kids drive Ferraris today!

To this day, I suspect that the main reason I got my license was just wanting to twiddle all those knobs (remember how many knobs the 'A4 had?? -- certainly no dinky push-buttons back then!)

Morse Code Stumbling Block for Hams - Scouts

Morse code was a big stumbling block for Scouts in those days. You had to pass either morse or semaphore to make First Class. I can still remember setting up a receiver at the troop meeting in Pulaski and explaining the morse characters as Joe Finkstein KN4RMY (an Eagle Scout) sent code from home using one of the 10-watt 6L6 rigs that K4BFO built for us on wooden boards.

Well, I certainly got the code requirement out of the way, but I never made Eagle -- ham radio just sort of got

in the way. But the two were still a good fit for me, and I've been involved in both ever since.

Scouting and ham radio are still a good fit. So good, in fact, that each year on the third weekend of October, the World Organization of the Scout Movement sponsors Jamboree-on-the-Air, (JOTA) a worldwide gathering of scouts and hams designed to let young around the world communicate with each other via the excitement of ham radio.

It Started over Breakfast

The Greensboro (NC) 76 GROUP's involvement with JOTA got started over Saturday morning breakfast at the K&W Cafeteria. We had already operated a station at the Boy Scout camp during the summer of 1990, and the 1990 Jamboree-on-the-Air was going to coincide with the Council Camporee, a big weekend campout for several hundred scouts and cubs.

We borrowed the High Point club's field day mast trailer and Will Baber WJ9B loaned us his tribander to put on top. That and a 10-meter vertical really burned up the air-waves for the weekend.

I think it was Roy Smith N4BYU, who looked out the door of his camper and observed what a nice place Camp Nikwasi was, and wouldn't it be nice if we had a permanent radio facility out there?

So I asked Don Payne, the Camp Ranger, what the possibility might be of putting up several big electric utility poles and erecting a permanent "antenna farm" for hams to use at scouting events?

Don thought it was a great idea; he

even had the utility poles if we could find a way to put them up. So I called Graham Pritchard, a fellow scout who worked in the communications division of Duke Power Co., and asked him if he might help get some utility poles erected at camp. Graham started the ball rolling.

Everyone got Involved

Then Barry McKinney KC4YSI, a Duke employee himself, got involved. Before I knew it, we had Duke Power and Ballinger Electric trucks all over the place! and we had three beautiful 40-foot utility poles standing up there in Camp Nikwasi. Then, with some more help from Duke Power and Electric Supply and Equipment Co. of Greensboro, we put in an underground 60-amp electrical service and a dedicated 110/220 AC panel. Next,

I announced on the Sunday evening 76 NET that the scout camp needed some antennas, and it wasn't long before donations started rolling in. Bill Boyes, KB1G, donated a 2-meter Ringo Ranger and an HF dipole; Barry KC4YSI, donated a 4-element tribander and an armstrong roter; and Harwood West WB4RLO and Foy Flowers WD4BQY, donated hardware.

I also learned that a lot of hams can climb poles: Foy, Barry, and Gene Schmig KD4BEZ, all went up top and before long we had the hardware in the air.

It All Came Together In October, 1991

Well, it all came together on the October 19-20, 1991 Jamboree-on-the-Air weekend. We had a big crew who did a lot of work and showed up with tools, rigs, computers, more antennas,

Continued on Page 17

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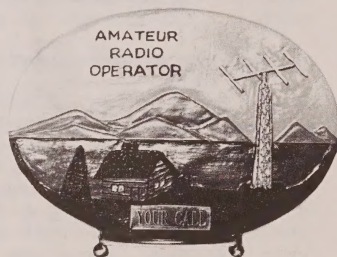
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Roy Smith, N4BYU, a member of the Greensboro 76 Group demonstrates a DFing antenna to some of the scouts. During the JOTA exercise, the group of hams conducted a hidden transmitter hunt and allowed the Scouts to ride along and participate.



Todd Bentley, N4ZRY of the Greensboro 76 group helps hold the push-to-talk on the microphone as one of the visiting scouts talks with scouts in other parts of the country. The various stations on HF and VHF used the call of WB4WOR, that of Charles Layno.

Scouts and Hams Have Fun During JOTA Exercise

Continued From Page 15

logs, QSL cards, tents and even a field kitchen: Fred Redmon N4GGD, Rich Marshall WB4CCT, Charles Layno WB4WOR, Fred Rierison WA4YUX, Mike Bryan WA6KWW, Mike Sandage WA4ZYF, and Bert Rupert KD4BQD came, as well as Roy N4BYU, Bill KB1G and Barry KC4YSI.

We used Charlie's call, WB4WOR, operating 80 through 10 meters on sideband, CW and digital modes, and used the 146.76 repeater, which just happens to be next door to the camp, for talk-in.

We had advertised the event from Danville down through Burlington, Reidsville, Greensboro, High Point, Winston-Salem, and Asheboro, and we drew scouts and hams from all those areas.

Highlight of the Weekend

For me, one of the highlights of the weekend was watching Fred N4GGD and Bill KB1G work with the young people who crowded around the operating positions. I've never seen such rapport or such bright faces!

On Saturday, Fred made over 10 European contacts; no Russians, but he did work Romania, and he got South Africa and Guantanamo Bay as well. Bill talked to YU3FX in Ljutomer, Slovenia on RTTY and worked WT5T maritime mobile in the Azores.

Bill also had a tent-full of scouts around the mike in a five-way QSO with WA3BVQ at a scout camp in Butler, PA; K4SAO at Camp Old Indian near Greenville, SC; W4ANC at the Ward Bonner Scout Reservation in NC; and WB4LNT at the scout encampment at Ft. AP Hill, Va.

Talk about a jamboree on the air!! When Rich WB4CCT worked HC6CR,

there were about 20 Ecuadoran scouts around the mike there, and quite a few on our end as well. On 15 meters, Dave Ritter KI4OO/G0MLU worked GB2MSR at a scout encampment on the Isle of Mann, only to learn that they were having a bad storm and the scouts were leaving!

True to form, Roy N4BYU worked ZA1HA in Albania (you might know that Roy would get the good DX!).

Charlie WB4WOR and Rich WB4CCT taught an Introduction-To-Ham-Radio class that drew well over a dozen enthusiastic prospects. Roy N4BYU and Mike WA4ZYF conducted a transmitterhunt with Bert KD4BQD playing the part of the well-camouflaged fox. In fact, Bert was so well camouflaged that he just about got stomped to death without being found.

I think he finally had to stand up and say, "Look! It's me!"

Maybe next time he won't wear the camo gloves and face-mask.

And the food was just unbelievable: WA6KWW, WA4ZKF and KD4BQD must have thought they were getting paid to cook!

Great Time Had by All!

Did people have a good time? You bet! Everyone's already talking about 1992, and we're hoping to see some of these scouts in the novice/technician classes that we teach in Greensboro twice each year. Who knows, we just may have ignited a little spark in some kid that will grow to a hobby, a profession, or at least a good memory.

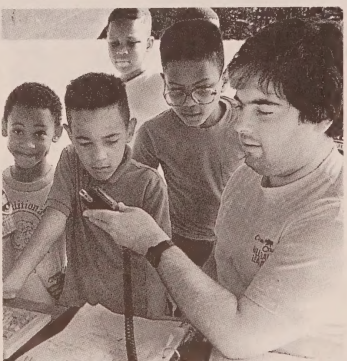
And by the way, NN4RMY is alive and well. Joe is W0MJN today, working for the old Collins Radio Company (its Rockwell now) in Cedar Rapids, Iowa. Our Saturday morning skeds on

20-meters are great -- we talk about 6L6's, about K4BFO (I visited Hall in Christiansburg last year), and about the old "A4 and "S1 rig at scout camp.

The memories live on.



Fred Redmon, N4GGD worked for hours with the scouts during the JOTA exercise, allowing the youngsters to talk to other scouts across the United States and many foreign countries.



Bill Boyes, KB1G spent a lot of time demonstrating Packet radio to the scouts during JOTA. In this photo, he takes time to assist in contacts with other stations conducting the JOTA exercise.

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Data Sheets: Yearly Sounding Board for Repeater Owners

-Compiled from hundreds of sheets

David Ward, KA4LVO must have burning ears. When he gets through a pile of repeater data sheets, he has read everything, seen every excuse, and been the butt of about every complaint possible.

The intent of mailing data sheets to repeater owners every year, is to give them an opportunity to make any changes or corrections in their system they might wish to make.

- Some owners take offense to having to return a sheet every year.

JOURNAL CLASSIFIEDS

WANTS TO SWAP

I'll send you a copy of the Anderson County Repeater Association Newsletter in return for a copy of yours. Write: Thomas N. Muncy, KB4QGG, 142 Manhattan Ave., Oak Ridge, Tn. 37830

FOR SALE

45-Foot Tilt down tower with gin pole and winch. ATB-34 tribander and CDR TR-44 rotor. Call Harry L. Rosier, K4LBF at (919) 674-0227 in Greensboro, N.C. if interested.

- Some take offense in what is printed on the data sheet.
- Some complain of what the data sheet doesn't say.
- Some say "Same as last year". Last year's sheet reveals the same message. The previous years sheet is blank.
- Some complain of interference.
- Some complain because their check wasn't cashed promptly.
- Some complain because their check was cashed before they made a deposit.
- Some complain because their check bounced and their membership was cancelled.
- Some have messages for someone else in the organization on their data sheet.

For the most part, hundreds of repeater owners are well pleased with the effort SERA goes through each year to maintain an accurate up-to-date database of repeaters in the 8 states.

There are lots of nice comments and compliments included from these, the majority of repeater owners.

Then we have the downright "upset & mad" repeater owner, who splatters, scrawls, or scraps insulting messages across the data sheets, sometimes wiping out information needed to be inserted in the computer.

David made a few copies of comments for the Repeater Journal. We thought we might share them with you. We do not know who wrote the comments, but for what they're worth, here are some for you to read about.

"Frustrated Messages"

- This is why I will not join your group...
- Put this in your Database (censored)
- The Check Was NOT bad
- You don't know the meaning of thank you (???)
- (Reason Repeater off the air) Hugo!
- I don't know what's wrong with you dumb bunnies.
- I do not wish to be part of your group until your "intimidation" tactics cease and you act like hams instead of power hungry over domineering individuals.
- Your attitude is not appreciated
- ARRL coordinated my repeater
- I refuse to sign this document
- You guys can't say that
- Haven't gotten my Journal lately, what's going with you guys. (His membership had expired 2 years ago)
- I'm a little miffed!
- We support SERA and we deserve a little recognition (???)

And On The Plus Side. . .

- Thank you guys for an outstanding job.
- Thanks for taking care of us. Enclosed is a check for \$100. (un solicited donation)
- I have enjoyed being a SERA Member - am moving out of the area. Thanks for your services.
- Thank you for your cooperation and help.
- Thanks for all the wonderful work all of you in SERA do.
- Thank you for all your help in getting my unit (repeater) on the air.
- Really enjoy the updated repeater indexes.

- Am wishing SERA a long and healthy future.

It just goes to show you, you can please some of the people some of the time, but you can't please all the people all of the time. (Editor)

November Journal Was "Sold Out"

Usually when the mailing is made, and the dealers get their orders, there are a couple of hundred Repeater Journals left over to cover repeater orders, and other needs.

Such was not the case for the November issue. A rush of late memberships came in, dealers ordered extra copies, and when the dust settled, there were less than 50 copies remaining. Within a week, they were gone.

Spot checks with several dealers in late November indicated most were almost sold out, and a couple had sold out completely.

We had increased our press run by 200 for the November issue, but that obviously wasn't enough. This issue, the press run will probably exceed 4,000 for the first time in several years.

David Ward, KA4LVO, Membership chairman said things were beginning to look favorable, and was hoping to see a large influx of new members as more new hams are licensed.

We all know, the Repeater Journal is must reading if you operate on VHF and UHF.

AWA 1992 Southeast Regional Conference To be Held In Monroe

The Antique Wireless Associations Southeast Regional Conference will be held on March 27 & 28 in Monroe, N.C. The event will run from 12 noon until 5 p.m. on Friday the 27th and from 8 a.m. to 4 p.m. on Saturday the 28th at the Union County Farmers Market.

There will be no access to the meeting site before noon on Friday. Schedule of activities include: A Swap Meet for attendees to trade old radio equipment in the covered parking area; an old equipment contest; programs on collecting and restoring old radios; and an open house at the homes of two local collectors.

For more information about the 1992 AWA conference, contact: Ron Lawrence, KC4YOY, P.O. Box 220094, Charlotte, N.C. 28222-0094, or you may call him at (704) 289-1166 (home) or (704) 845-2202 (work).

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Karl Morris Recipient Of 1991 SERA President's Award

Karl Morris, WB8GDY, retiring SERA Director of West Virginia has been awarded the 1991 SERA President's Award.

Outgoing SERA President, Carter Cogle, K4ARO, made the announcement on December 31. Cogle said Morris was most deserving of the award for his outstanding performance for many years on behalf of SERA.

The award was presented by Cogle as his last official act before vacating the office of SERA President.

Morris, who resigned as SERA West Virginia Director, effective Dec. 31, is moving to Florida to retire.

Karl first became involved with SERA, then CVRA-SERA, as West Virginia made inroads toward joining the organization as a District. He along with other West Virginia hams were instrumental in getting this accomplished. Karl assumed the job of Vice-Director, under Ted Wolfe for several years. He later became Director and held that post for several terms before his retirement. He was responsible for setting up a database of West Virginia repeaters, and gathering all needed coordination information about each. As he gathered the information, it was passed on to the SERA database.

The President's Award, an attractive plaque, describes Morris' Distinguished Service with CVRA-SERA and SERA for over 12 years.

The award was mailed to Karl, who had already left for Florida.

Clarification of Certain SERA Repeater Listings

SERA is obligated through our tax exempt status with the IRS to publish all known repeaters in our index. Publication of certain repeaters that might not be in accordance with the accepted SERA bandplan, or may not be coordinated, does not mean that SERA acknowledges or condones such repeaters. Publication is merely for the information of our membership.

Publication of a repeater, or acceptance of a repeater as a Full Member does not constitute coordination.

On the other hand, any repeater which is coordinated or uncoordinated, does **not** have to be a SERA member to receive service, information or coordination (when possible) from SERA.

Ted Wolfe, WD4KHL Completes Ten Years Of Writing For Journal

-by Wayne C. Williams, K4MOB
Repeater Journal Editor

Whenever you take on a job such as I did as editor of the Repeater Journal in the late '70s, you look for good help.

I was indeed fortunate in 1981 to meet Ted Wolfe, the first elected Director of the then new West Virginia District of SERA. Ted had writing experience, and knew how to go out and get the news.

Ted volunteered to do a quarterly column for the Repeater Journal. His first installment for the May 1981 issue was received right on deadline, as it has always been—never once late in the ten years he has written for the Journal.

I was most impressed at the way he was able to incorporate names, call signs, clubs, and people in his "newsy" column about West Virginia Hams.

The hams of West Virginia have been most fortunate for the past 10 years to have someone the statue of Ted Wolfe writing for them. They have had the prestige of having a prominent place in the Repeater Journal every issue since 1981.

Ted's columns have been filled with hundreds of names of hams, places and things which have occurred in West Virginia over the past 10 years. Clearly the most covered state as far as news was concerned in the Repeater Journal.

Fortunately, we are now getting other top writers for the Journal, which will only add to the enjoyment of our readers, and make the Journal a much more desirable magazine for Southeastern hams to read.

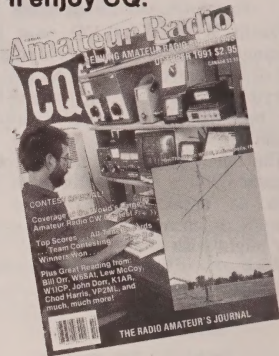
On his 10th Anniversary with the Repeater Journal, I would like to salute Ted Wolfe for a job well done. We hope all the hams in West Virginia will take a moment to thank Ted for his work, and offer him assistance in the future so he can carry on.

Thank you, Ted! Your great contribution to the Repeater Journal has helped make our magazine what it is today.

New RFI Booklet Available

The FCC has a new 64-page illustrated booklet out, called the Interference Handbook. The free publication contains basics of solving many RFI/TVI situations. For your copy, write: FCC, 24897 Hathaway St, Farmington Hills, MI 48331. (in Westlink Report)

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NORTH CAROLINA NEWS

-by Gene Fegely, K3EJG

Send News To: 115 Randomwood Lane, New Bern, NC 28562

Despite the typographical (?) misspelling of my name last issue, some people managed to respond to my mailbox with names of hams in education, and other information from the Tarheel State.

John, KF4NJ, is currently teaching electronics in the Union County school system, where he has been since 1978. He says he mainly has juniors and seniors, and looks for future news from other teachers. Union County, on the southern border, is close enough to Charlotte to take advantage of the new Discovery Place Ham station.

The Charlotte Club (Mecklenberg ARC) sponsors the working exhibit as part of the science museum in downtown Charlotte. If you plan to visit the area, call (704) 372-2627 for information. If you want to contribute or become a member of the volunteer operators contact Ralph Eubanks, KK4FC, club president.

Another response came from the Charlotte area, as Carl, W4EAT, welcomed me, and hoped I'd get "input support from repeater owners and users." Carl is trustee of K4OGB repeater (146.985) located in Albermarle.

Gary, WD8OXE, and Donna KB4TUY (Journal SC Correspondents) promise to keep us informed of western activities from their location near the state line. Gary said they live near Columbia, NC; however, I noticed his packet mailbox is @WV4B.SC which is on the South Carolina side of the line.

New Repeater

Kirk Ellis, KK4YP, sent the Triangle East Amateur Radio Association newsletter which announced the plans for a new repeater on the WYED Channel 17 TV tower. Dave, WB4IUY, is repeater chairman and is working on the agreement. They plan to put the repeater as high as possible on the tower, using the call sign KK4YP and operating on 147.015.

Kirk stepped down as TEARA club president in December, having served the group for two years of its three-year existence. The new prexy is Dave Hockaday, WB4IUY, with Wesley Davis, KB4ZMB, as vice president. Peter Hulth, N4SXXG, remains secretary, and Bill Sellers, KC4SDK, continues as treasurer.

The club began with 12 members and now has a roster of over 40 members. They operate the W2AC repeater on 147.39, covering the triangle of Selma, Smithfield and Clayton very well, I understand.

Speaking of new repeaters, the New Bern WD4JMS repeater on 146.61 is undergoing a refurbishing. The first stage was the replacement of the hardline and a new antenna. When the old StationMaster was brought down, it was loaded with water. . . it is amazing that it was working at all.

Mark, WA3JPY, is preparing a commercial repeater to replace the "old faithful" Motorola which has served for thirteen years or more. Also, the NBARC has the 444.90 repeater back on the air, thanks to Sid, WA4VBC.

The new prexy of NBARC is Tommie Phelps, WA4EME, who recently retired from education. Tommie is trustee of WD4JMS repeater and is returning to a position he held when the club was beginning.

Club Reactivates

The W4ATC Student Amateur Radio Society at North Carolina State University in Raleigh has revived after several years of inactivity, announced Brian Hammill, KD4BFJ, current president.

Brian reports a successful effort at field day brought renewed interest in the club. Mike, AC4AN, was instrumental in getting the university to assign some space for a ham shack, and the members are looking forward to setting up a top notch station.

A campus computer network keeps the members informed through electronic mail. They also have a successful FM simplex weekly net (he didn't supply the frequency, but I suppose it is 146.52?) and have plans for a UHF repeater on campus. Good luck to the group. Maybe some NC State ham alumni can contribute to your efforts.

Another club has been formed in the coastal area. I heard about a group in Carteret County holding a meeting to begin a new club based around the Newport

145.45 repeater. Bob McNeil, W4MBD, (not another tower??), took a little time from his DX-ing HF to report on the proceedings.

The new club is called the Coastal Carolina ARS. Charlie Brown, K4VLR, is the first president, and their first major activity is the involvement of the Newport repeater group, which operates as the Coastal Amateur Communications Consortium. (The latter was named by Bob, who is a lawyer).

They are planning to move the repeater antenna to a 300-foot location on a local broadcast tower. The meeting in December was advertised in a local paper as featuring "Charlie Brown and Andy Griffith." I wonder if any of the members expected celebrities?

Christmas Parties

I managed to get to two ham Christmas parties this year. Besides my own club, the Coastal Carolina Emergency Net bash was very interesting. They have established an Albert Parker W4BAW award in honor of the founder of the net.

Andy Griffith, W4ULD, is the recipient of the first plaque, given to the CCEN member who is "cooperative, understanding, and patient; interested in emergency, health and welfare traffic;" as well as "interested in propagating all phases of amateur radio as a hobby and as a service to his fellowman."

Anyone who knows the "other Andy Griffith" endorsed the award, since W4ULD has been a leader in the VEC exams at Maysville and New Bern, as well as the resident expert on antenna systems. He serves as net control station on the CCEN 7 p.m. daily net, and is an active member of the NBARC.

He periodically gives that club a presentation on antenna design, SWR, or such. Although I didn't clear this with him, he might be a source for other clubs in the area who need an interesting speaker. (See pix on this page).



Weldon Fields, W4AJT, president of the Coastal Carolina Emergency Net, presents the first annual Albert Parker W4BAW Award to Andy Griffith, W4ULD, of Morehead City, NC. The award honors the founder of the net and is given to an outstanding member for service to amateur radio. (See NC news this page for details.)

-photo ctsy Joe Melton, WB4SLF

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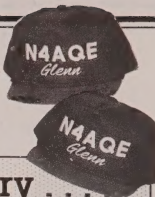
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SC Hams Welcome You To The Grand Strand

Most South Carolinians at one time or another make a trip to the Myrtle Beach area with their family or maybe to one of the numerous Many Conventions are held there.

The next trip you make, why not do a little bit of 2 meter UHF work on the

Give The Journal

Give your new ham friend a gift subscription of the Repeater Journal. He'll stay informed as you will and thank you.

trip or while you enjoy your stay at the beach?

If you are travelling on I-95 or on I-20 to 301 or 501, the Dillon repeater has the best wide range coverage. The 146.745 NN4N (Dangerous Dan) repeater is located on a high tower off Hwy. 9 with the antenna at approximately 1600 ft. This repeater has mobile coverage all the way to the Grand Strand and as far South as Murrells Inlet. The Greater Pee Dee Net is held at 9 p.m. each evening and out of town and mobile check-ins are encouraged.

Traveling from Wil mington use the

146.82 repeater. The repeater is located on Hwy.17 South of Wilmington at Bolivia, N.C. on a 2000 ft. tower. The 2000 ft. elevation of the repeater plus the flat coastal land makes for great mobile coverage that extends south near Georgetown.

The Georgetown 147.375 repeater provides coverage if you are coming in from the South on 17/701.

Once at the Grandstrand area, the most active repeater is the 147.12 WD4JMT machine. The repeater is located near Briarcliff Acres on a 28 story Condo right on the ocean front. The repeater is housed on the roof at the top of the elevator shaft. The commercial grade repeater is controlled by a ACC controller and powered by a 50 amp Astron power supply. Back up power is provided by two deep cycle marine batteries. Other bells and whistles include voice ID and messages. An Icom 900 with 2 meters and 440 is interfaced into the controller allowing you to go in on 147.12 and come out on any amateur 2 meter or 440 frequency. This feature allows linkage with other repeaters in the State. The repeater is supported by the Grand Strand Amateur Radio Club.

The 145.11 is the clubs 2nd repeater and is located near Nixonville on the T.V. 43 600 ft. tower. The antenna is a DB products 224 feed with hardline at the 400 foot level. The spectrum SCR2000X repeater is controlled by (ACC Controller) and feeds a 6 cavity DB products duplexer with 30 watts, which provides mobile coverage for about 40 miles.

The Grand Strand has two other repeaters, the 147.285 at Little River and the 147.03 on a 100 ft. water tower at North Myrtle Beach.

Social Activities

Monitoring the 147.12 repeater you can hear plans being made for golf, fishing and other activities.

You might be interested in giving Jack, KB4CB or Glen, WA4NMW a call for information on the clubs activities. You can meet some of the local hams on Saturday morning at 9:30 at Uncle Johns Pancake House across from Myrtle Square Mall, where not only will you get a good breakfast, but good fellowship with some great hams. Regulars include Bill, W8ETJ and Tully, KA4ELW.

So come on down to the beach with your mobile and HT and join in on some fun in the Sun.

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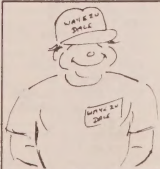


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THE SERA OFFICIAL REPEATER INDEX

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Repeater owners are reminded to contact their local Frequency Coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

If you know of repeaters not listed in these indexes, contact your district director.

DISTRIBUTION OF REPEATERS BY FREQUENCY

This by-frequency index contains repeaters in the States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee, Virginia and West Virginia.

PLEASE NOTE: The letters column between the frequency and the city indicates suffixes of the repeater call sign.

This index reflects changes thru 1/27/92.

SERA Suggested FM Simplex

146.40* 146.41* 146.43* 146.44* 146.46*
146.47* 146.49* 146.50* 146.52 146.53*
46.55 146.57* 146.58 146.59 147.51
147.52 147.54 147.55 147.57 147.58
223.50 or up and down 20 kHz channels
446.00 or up or down 25 kHz channels

* Permitted unless causes interference to nearby repeater input.

SERA Suggested Digital Simplex

145.01 145.03 145.05 145.07 145.09
145.61 145.63 145.65 145.67 145.69
223.40 223.42 223.58 223.66 223.70
223.72 223.74 223.76 223.78

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or SBS, etc. usage.

2 METERS

4.51/5.11 TUN AUGUSTA.....GA
MYC COCHRAN.....GA
UOX DOUGLASS.....GA
HYE MENDENHALL.....MS
TOH COLUMBIA.....NC
RXG SAURATOWN MT.....NC
JMT CONWAY.....SC
Y COOKEVILLE.....TN
SBX GRAY.....TN
BOX JACKSON.....TN
JL KNOXVILLE.....TN
ARK NASHVILLE/FAIRVIEW.....TN
YPE RICHMOND.....VA
MCR SALT ROCK.....WV
4.53/5.13 JF ADEL.....GA
SEX NEWNAN.....GA
VF MOREHEAD.....KY
YNF AHOSKIE.....NC
CS GREENWOOD/HODGES SC
KIV SUMTER.....SC
CMY CHATTANOOGA.....TN
SSB GALLATI.....TN
OAK LA FOLLE.....TN
KRM SHELBYVILLE.....TN
VL GALAX/LKOUT MT.....VA
YET HARRISONBURG.....VA
FHE BUCKHANNON.....WV
4.55/5.15 MM ALBANY.....GA
AOL ATLANTA.....GA
LI MILLEDGEVILLE.....GA
TLK MONTICELLO.....KY
WZ PIKEVILLE.....KY
LFP PICAYUNE.....MS
JTX CHERRYVILLE.....NC
CVM RANDLEMAN/GBO.....NC
OXE INMAN.....SC
LWY SUMMERTON.....SC
RJC DECATUR-PONE KB.....TN
JXI MEMPHIS.....TN
MJF ALEXANDRIA.....VA
ARO PETERSBURG.....VA
FSE MARTINSBURG.....WV
4.57/5.17 JRG COLIDGE.....GA
DIW JONESBORO.....GA
PRH HALLS GAP.....KY
ZOB NEWTON/ANDSN MT.....NC
RVS OXFORD.....NC
TUN AIKEN.....SC
GBI KNOXVILLE.....TN
BRN MEMPHIS.....TN
LHO MURFREESBORO.....TN

YVM FAIRFAX.....VA
JQO LORTON.....VA
ZUA NORFOLK.....VA
FRV BECKLEY/BOLT.....WV
4.59/5.19 ULJ PINE MT/HAMILTON.....GA
UVT BOONEVILLE.....MS
WGA JACKSONVILLE.....NC
BWM MITCHELL.....NC
OTT CARTHAGE.....TN
XX JASPER.....TN
FAX RICHMOND.....VA
YJ RICHWOOD.....WV
JGY WHEELING.....WV
4.61/5.21 KEC EASTMAN.....GA
WREPOPLARVILLE.....MS
TOD TRENTON.....NC
NEP GASTON.....SC
BBB KNOXVILLE.....TN
ARK NASHVILLE.....TN
MS KILMARNOCK.....VA
QOJ ROANOKE/POOR MT.....VA
FEQ HUNTINGTON.....WV
4.63/5.23 JEH CONYERS.....GA
UJ DALTON.....GA
CL WAYNESBORO.....GA
PRH LOUISVILLE.....KY
PRH OXFORD/LOUISVILLE.....KY
VBH BEULAHVILLE.....NC
BFB CHARLOTTE.....NC
RA LAVERNE.....TN
KIE MAYNARDVILLE.....TN
DBB BEDFD/APL ORCH.....VA
MT NEWPORT NEWS.....VA
BLQ CLAYTON.....GA
YD ELLIAY/BUCK MTN.....GA
GGD GREENSBORO.....NC
URP CHARLESTON.....SC
BRV ERWIN.....TN
DRL FISHERVILLE.....TN
CZJ BEAVERDAM.....VA
CGV SANDERSVILLE.....GA
PN WALESAK/PNLGMT.....VA
NBH NORHLAKE.....MS
DJZ WIGGINS.....MS
KNI HENDSVL/BERWIL M.....NC
AR MIDWAY.....VA
BOF RALEIGH.....NC
GYM COLUMBIA.....SC
WZKHENDERSONVILLE.....TN
CJX SEV/SHIELDS MT.....TN
SKE MARION.....VA
J STAFFORD.....VA
OG CRAIGSVILLE.....WV
4.69/5.29 DRQ ATLANTA.....GA
PL LAWRENCEBURG.....KY
VICKSBURG.....MS
LFB CHARLOTTE.....NC
GGM GREENSBORO.....NC
VCM CHATTANOOGA.....TN
SOC JOHNSON CITY.....TN
FFM RIDGETOP.....TN
YX CHARLOTTESSVILLE.....VA
NDH CHESAPEAKE.....VA
ZXP GLENVILLE.....WV
4.71/5.31 CEK COLUMBIA.....GA
JDR STOCKBRIDGE.....GA
GQ CHATAWA.....MS
WPM BAKERSVILLE.....NC
ICX LEXINGTON.....NC
GJ BEAUFORT.....NC
PF ROCK HILL.....SC
PNI ATHENS.....TN
SC JACKSON.....TN
ECD LAFAYETTE.....TN
FXP HERNDON.....VA
G BECKLEY/LAYLAND.....VA
OGE JONESBORO.....GA
YU LEXINGTON.....KY
CYR GULFPORT.....MS
J MT. AIRY.....NC
DFP BAMBERG.....SC
DBJ CUMBERLAND CITY.....TN
TEM KNOXVILLE.....TN
DRL MEM/FISHERVILLE.....TN

F CHESAPEAKE.....VA
QOI FARMVILLE.....VA
QC PARSONS.....WV
M WILLIAMSON.....WV
4.75/5.35 DOC ATLANTA.....GA
DOC ATLANTA.....GA
PGO ROSSVILLE.....GA
RBL LA GRANGE.....KY
WHOLIVE BRANCH.....MS
AOS CHARLOTTE.....NC
JQC GREENVILLE.....NC
Y HUMBOLDT.....TN
AZJ BLAND.....VA
AOD FALLS CHURCH.....VA
4.77/5.37 UA AUGUSTA.....GA
NZF JASPER.....GA
IMX HATTIESBURG.....MS
PYQ SOUTHAVEN.....MS
AGN N. WILKESBORO.....NC
MII OXFORD.....NC
PPD SHALLOTTE.....NC
GRK KNOXVILLE.....TN
OG NASHVILLE.....TN
UKJ FOREST.....VA
TOS GLOUCESTER.....VA
VG BECKLEY/EOC.....WV
4.79/5.39 HYB GRIFFIN.....GA
NJ MORRIS/CLARKS.....NC
AM CHATTANOOGA.....TN
GZX EASTVIEW.....TN
EPC GREENEVILLE.....TN
DOR LEBANON.....TN
ARO ROANOKE/POOR MTN VA
EOW WESTON.....WV
4.81/5.41 PME ATLANTA/BELL.....GA
PXX BRNSWK/JEKYLL IS.....GA
NOR COVINGTON.....KY
DC GLASSGOW.....KY
IF D'IBERVILLE.....MS
XO HIGH POINT.....NC
KNU WILLIAMSTON.....NC
VIH DOVER.....TN
NKM GREENEVILLE.....TN
VIP MEMPHIS.....TN
ZMS BEDFD-APL ORCH.....VA
QJ WILLIAMSBURG.....VA
FHE BUCKHANNON.....WV
HYB LIBERTY.....WV
4.83/5.43 OLL MACON.....GA
LCU MARIETTA.....GA
LVI COLUMBUS.....MS
ITL SPARTA/GREEN MT.....NC
LB COLUMBIA.....SC
YTU BROWNSVILLE.....TN
UCE COOKEVILLE.....TN
SUA KNOXVILLE.....TN
IQJ RICHMOND.....VA
V CHARLESTON.....KY
LG MORGANTOWN.....WV
4.85/5.45 BGC DECATUR.....GA
TX LEXINGTON.....KY
PLY CROWDERS MT/GAST NC
WTD DURHAM.....NC
GRWNWPORT.....NC
DV N. AUGUSTA.....SC
SIR BENTON.....TN
KOG COVINGTON.....TN
KO BOHEWAL.....TN
LP MORRISTOWN.....TN
E SPRING HILL.....TN
HQ SALUDA.....VA
LGY GRANTSVILLE.....WV
SXZ WELCH.....WV
4.87/5.47 UV HINESVILLE.....GA
CLA SWEAT MT/MARIETT.....GA
SRT BARDSTOWN.....KY
WMMWASVILLE.....KY
OIX KINSTON.....NC
NC SAURATOWN MT.....NC
JG GAFFNEY.....SC
DBK MYRTLE BEACH.....SC
DKI KNOXVILLE.....TN
OMOMOUNTAIN CITY.....TN
ARK NASHVILLE.....TN
EFJ ARLINGTON.....VA
FG KINGSTON/LICK KB.....WV
4.89/5.49 COL AUGUSTA.....GA

RWSCORDELE.....GA
QPL MARIETTA.....GA
PKK CLARKSON.....KY
XKH HENDERSON.....KY
CWFNICHOLASVILLE.....KY
VGK FULTON.....MS
ZCZ FRANKLIN.....NC
DZ GIBSONVILLE.....NC
BWCRALEIGH.....NC
ABWV ROKWADALACE.....SC
KKO KCMIN/USHT MT.....TN
KOG MEMPHIS.....TN
MOBULEFIELD.....VA
OHX NEWPORT NEWS.....VA
MOBULEFIELD.....WV
G PARKERSBURG.....WV
KP TRENTON.....TN
CVY COLUMBUS.....GA
JEH CONYERS.....GA
BDP WARNER ROBINS.....GA
KVG CORBIN.....KY
KKG LAUREL.....MS
SNI GREENSBORO.....NC
JMS NEW BERN.....NC
NYK GRNVLE/CSRS HD.....SC
CMY CHATTANOOGA.....TN
PCD NASHVILLE.....TN
LSP ABINGDON/BRMLY MT.....VA
GSP CHESAPEAKE.....VA
WVQY YNCHBURG.....VA
WZI GASSAWAY.....VA
4.025/6.625 UPE ATL/UNION CITY.....GA
UTL ELBERTON.....VA
JWP VIDALIA.....GA
WO PORT GIBSON.....MS
RR LAURINBURG.....NC
IP CHESTER.....SC
GBI KNOXVILLE.....TN
ZOX MARTIN.....TN
AYWNEW MARKET.....VA
G FLAT TOP/WINTRL.....WV
4.6035/6.635 YCU BETSY LAYNE.....KY
LWT AUGUSTA.....GA
FWD CARROLLTON.....GA
CXX WAYCROSS.....GA
UXJ CAMPBELLSVILLE.....KY
PS JACKSON.....MS
NAY MORESVILLE.....MS
YAO HENDERSONVILLE.....NC
DZ RALEIGH.....NC
NC WINSTON SALEM.....NC
KIV SUMTER.....SC
QYI CRAB ORCHARD.....TN
NNE MEMPHIS.....TN
NTM NASHVILLE W.....TN
WIC PINCASTLE.....VA
QLF MARION.....VA
GEY RICHMOND.....VA
EZR HUNTINGTON/CLARKS.....WV
4.6055/6.655 NFP ATLANTA/MARIETTA.....GA
MINI BOWLING GREEN.....KY
CEB CONCORD/KANNAP.....NC
VTX ELIZABETH CITY.....NC
VIR BROWNSVILLE.....TN
AM CHATT/SIGNAL MT.....TN
PDI ALEXANDRIA.....VA
ISP ALTAVISTA.....VA
BUC UPPER TRACT.....WV
BKM MACON.....GA
4.607/6.67 NSO GAINESVILLE.....GA
EQL JESUP.....GA
VHF HAZARD.....KY
KBL PRINCETON.....KY
CAX NEW ALBANY.....MS
YGD BURLINGTON.....NC
BKV CHERRY MT.....NC
RFP YALPON BEACH.....NC
U ST MATTHEWS.....SC
DKI BRISTOL.....TN
BGW LAFOLLETTE/WMT.....TN
NTM NASHVILLE W.....TN
HZS BARREN SPRINGS.....VA
ZR LEXINGTON.....VA
NR WILLIAMSBURG.....VA
JNU RAVENSWOOD.....WV

6.085/6.685	IWL ADAIRSVILLE.....GA	ABR JOHNSON CITY.....TN	DOU SAVANNAH.....TN	FOW CLEVELAND/LONG.....GA
	UWN FAYETTEVILLE.....KY	SQE NASHVILLE.....TN	YXA SHORT MTN.....TN	UM MIDWAY.....GA
	KQ OWENSBORO.....KY	SD CHESAPEAKE.....VA	AXH CHASE CITY.....VA	FDK LEXINGTON.....KY
	KHB NATCHEZ.....MS	LBL FAIRFAX.....VA	TUE MT LAKE/BALD KNB.....VA	JHK MONTICELLO.....MS
	NBR GRIFTON.....NC	OOC OAK HILL.....WV	XG TYSONS CORNER.....VA	KPF LK NORH/CLT.....NC
	QP STATESVILLE.....NC	6.205/6.805 LT MILLEDGEVILLE.....GA	FON MCMECHEN.....VA	YP SELMA.....NC
	CO NEWBERRY.....SC	NNE GUTHRIE.....KY	6.325/6.925 ASI COVINGTON.....WV	UMU SUMTER.....SC
	PIO LENOIR CITY.....TN	EWGFAYETTEVILLE.....NC	PJR JESUP.....GA	JV LEBANON.....TN
	HTA VIENNA.....VA	IZF GASTONIA.....NC	BEJ RADCLIFF.....KY	KS ROCKWOOD.....TN
6.10/6.70	FMD CLARKSBURG.....WV	FYC ORANGEBURG.....SC	VOJ CORINTH.....MS	YGM UNION CITY.....TN
	MM ALBANY.....GA	NNE GUTHRIE (TN/KY).....TN	OBWSULPHUR SPRINGS.....TN	LNT FREDRICKSBURG.....VA
	OOM JASPER.....GA	HTI COVINGTON.....VA	TFZ CHARLOTTEVILLE.....VA	D LAUREL.....MS
	DOJ MILLEDGEVILLE.....GA	8.405/6.805 AOS CALHOUN/JASPER.....VA	QT DANVILLE(DCC).....VA	6.43/7.03 YTZ ROCK HILL.....SC
	TO SAVANNAH.....GA	HCY MAGGIE VALLEY.....NC	OGY PRINCETON/PIPEST.....WV	MVR LEXINGTON.....TN
	JO GRAYSON.....KY	6.22/6.82 MM ALBANY.....GA	N AUGUSTA.....GA	JST RICHMOND.....VA
	BDC LOUISVILLE.....KY	DOC ATLANTA.....GA	VOR CUMT ALTO.....GA	RHT ATLANTA/FORT.....GA
	YGM UNION CITY (TN).....KY	MBA GREENVILLE.....MS	RVB WRIGHTSVILLE.....GA	ZVL HOPKINSVILLE.....KY
	GY BAY ST. LOUIS.....MS	MZ MAGEE.....MS	SN ASHLAND.....KY	PJZ LOUISVILLE.....KY
	LVA GRENADA.....MS	PZA ROARING GAP.....NC	WZHGASGOW.....KY	A OWENSBORO.....KY
	DEJ MERIDIAN.....NC	GMPWILMINGTON.....NC	AUZ LEXINGTON.....KY	LDD OCEAN SPRINGS.....MS
	CID DUNN.....NC	LWS AEWADAW.....SC	NTB MURRAY.....KY	GG GREENSBORO.....NC
	PAX LANCASTER.....SC	NYK GRNVLE/PARIS MT.....SC	DWXAMORY.....MS	DTG ROANOKE RAPIDS.....NC
	KUD HEISKELL.....TN	E GREENBRIER.....TN	SBD JACKSON.....MS	FOF BARNWELL.....SC
	UOT MANCHESTER.....TN	OAH LAKE CITY.....TN	MSK MCCOMB.....MS	HOGN N. MYRTLE BEACH.....SC
	UFT MEMPHIS.....TN	BS MEMPHIS.....TN	DLH BURGAW.....VA	YGI COLIERVILLE.....TN
	YGM UNION CITY.....TN	SFF WINCHESTER.....TN	BFB CHARLOTTE.....NC	NIQ FAYETTEVILLE.....TN
	AU DANVILLE/WHT OAK.....VA	WWBGATE CITY.....VA	BFT DURHAM.....NC	LP MORRISTOWN.....TN
	D NORFOLK.....VA	RKC WINCHESTER.....VA	ACRY MANTEOWANCHESE.....NC	DRL MUSCOW.....TN
	LOC PENNINGTON GAP.....VA	IFS CHARLESTON.....WV	XCT MT AIRY.....NC	ILT MULLENS/HENDN MT.....WV
	KD STAUNTON.....VA	6.235/6.835 KOC THOMPSON.....WV	IQQ GREENVILLE.....SC	ECC ST MARYS/BENS R.....WV
	JNU RADENSVOOD.....WV	OOCASHVILLE.....NC	KBI KNOXVILLE.....TN	AIH ANDREWS/ROBBINSV.....NC
6.115/6.715	NVG LAVONIA.....GA	UOR NAGS HEAD/BODIE.....NC	PCD NASHVILLE.....TN	FLR FAYETTEVILLE.....NC
	ABZ RINGGOLD.....GA	USH WADESBORO.....NC	AKZ ABINGDON.....VA	TFM WATKINSVILLE.....GA
	B BEREA.....KY	IDG WATERTOWN.....TN	UMI HAMPTON.....VA	VP GRETHEL.....KY
	TOY GREENWOOD.....MS	DCX GRUNDY/BIG A MT.....VA	ZA RICHMOND.....VA	QF STATSVL/ASBRY MT.....NC
	GGN MILLERS CREEK.....NC	UTM RUSTBURG/LONG MT.....VA	AP ROANOKE.....VA	HKZ COOKEVILLE.....TN
	KDC SPRING LAKE.....NC	7.435/6.835 NNR HIGH POINT.....NC	VKB SUMMERSVILLE.....WV	AHN NASHVILLE.....TN
	NEP COLUMBIA.....SC	DVJ DALLAS.....GA	CWOWEITON.....WV	FOZ STAUNTON/ELN KB.....VA
	JUB SALTILLO.....TN	6.25/6.85 R LAGRANGE.....GA	CSWNEW MARTINSVILLE.....WV	SBC VIRGINIA BEACH.....VA
	I BLACKSBURG.....VA	QWI WARNER ROBINS.....GA	KIN PERRY.....GA	CSN CHARLOTTE.....NC
	TXE STERLING.....VA	CLL BOWLING GREEN.....KY	PRE ROCKY TOP MT.....GA	LBM ALTON.....VA
6.13/6.73	GL SHERRARD.....WV	IV PIKEVILLE.....KY	OCF RABBIT HASH.....KY	PNC PRINCETON.....WV
	MM ALBANY.....GA	VNO BAY ST. LOUIS.....MS	OB ISOLA.....MS	DDI MACON.....GA
	NC ATLANTA/SWEAT MT.....GA	JMD BUDE.....MS	PTB ROCKINGHAM.....NC	CLA ROSWELL.....GA
	TVE BRUNSWICK.....KY	BWW CLEVELAND.....MS	E ONEIDA PEAK/BLF.....VA	UCJ THOMASVILLE.....GA
	STY DAWSON SPRINGS.....KY	MFK IUKA.....MS	CLJ ATLANTA.....GA	WQ PADUCAH.....KY
	SWFDORTON.....KY	LWC KOSCIUSKO.....MS	HBB SAVANNAH.....VA	QCF RICHMOND.....NC
	ZKX VERSAILLES.....KY	CYP GOLDSBORO.....NC	DPP HENDERSON.....KY	LED MACO.....NC
	IF BILOXI.....MS	MDWHICKORY/BRT. MT.....NC	TK STANTON.....KY	VFR SUMTER/SHAW.....SC
	VZF STARKVILLE.....MS	YEC REIDSVILLE.....NC	MJM MERIDIAN.....MS	UG GRNVLE/VIKING MT.....TN
	BWCRALIEGH.....NC	ULH FLORENCE.....SC	KHY MT AIRY.....NC	MOQ MEMPHIS.....TN
	EXU SALISBURY.....NC	KHJ GTLBG/COVE MTN.....TN	JO SMITHFIELD.....NC	QEB SHELBYVILLE.....TN
	VNK WILMINGTON.....NC	KOS MEMPHIS.....TN	SZ ANDERSON.....SC	ECMENON.....VA
	KFKJ N. AUGUSTA.....SC	TK NASHVILLE.....TN	ISQ FLORENCE.....SC	KNM POINT PLEASANT.....WV
	BJY SIMPSONVILLE.....KY	POX PORTSMOUTH.....VA	7.67/7.07 JMW MCMINNVILLE.....TN	NMCLOUISVILLE.....KY
	IOB KNOXV/ENG MT.....TN	ZBP STAUNTON.....VA	6.475/7.075 TRC KINGSPT/BAYS MT.....TN	QBS MORGANTOWN.....GA
	DAZ MEMPHIS.....TN	BO BECKLEY/FLAT TOP.....WV	7.675/7.075 TWQ MCMINNVILLE.....TN	JCR LAWRENCEVILLE.....GA
	WA WATERTOWN.....TN	L BUCKHANNOH.....WV	BEZ MEDINA.....TN	CJB PEMROKE.....GA
	DHO HAMPTON.....VA	6.265/6.865 DKY MADISON.....GA	SKH OAK RIDGE.....TN	TLP OWINGSVILLE.....KY
6.145/6.745	AVZ LEWISBURG.....WV	YF BIG KNOX/GREY CT.....NC	FM MANASSAS.....VA	Y JACKSON.....MS
	BKF ATHENS.....GA	G FAYETTEVILLE.....TN	WRNSTAUNTON.....VA	HBO BURLINGTON.....NC
	N DION/PREE DEE.....SC	7.465/6.865 DOWELLVILLE.....MS	VP VIRGINIA BEACH.....VA	L LEWNTON.....NC
	UP OAK RIDGE.....TN	FOY MURPHY/STALCUP.....NC	E LOGAN/WARD RK MT.....WV	GREENBRIER.....TN
	RCK DYERSBURG.....TN	ZRS WAXHAW.....NC	KWP PARKERSBURG.....WV	GBI KNOXVILE.....TN
	DY ROANOKE/POOR MT.....VA	E MOUNTAIN LAKE.....VA	BEJ ELIZABETH TOWN.....KY	O MCNAIRY.....TN
	L BERKELEY SPRINGS.....WV	6.28/6.88 CVY COLUMBUS.....GA	1 AUGUSTA.....GA	HBU NORFOLK.....VA
	U PARKERSBURG.....WV	TDL EVANS.....GA	HHH ELLIJAY/TALONA M.....GA	PNT WAYNESBORO.....VA
6.16/6.76	BOC STONE MT.....GA	IUD MARIETTA.....GA	PRE TRESTON.....GA	OC MORGANTOWN.....WV
	ELN VALDOSTA.....GA	FGH QUITMAN.....GA	UUB ST. MARYS.....VA	YHM EATONTON.....GA
	NSY FERN CREEK.....KY	HBB SAVANNAH.....KY	WFM SPRING SPRINGS.....GA	CVE ST SIMONS ISL.....GA
	KJO LEXINGTON.....KY	OAU LOUISVILLE.....GA	MT SENATOBIA.....MS	ZAC HARLAN.....KY
	CUP PADUCAH.....KY	U MAYTOWN.....KY	OGB ALBEMARLE.....NC	YK PHELPS.....KY
	AXQ JACKSON.....MS	AI SOMERSET.....KY	PVE MARION.....NC	DSN AMORY.....MS
	BWWASHV/MT PISGAH.....NC	HAV JACKSON.....MS	IY FRANKLIN.....TN	MRS NEW HEBRON.....MS
	GGD GREENSBORO.....NC	AAY PASCAGOULA.....MS	CA ROANOKE/POOR MT.....VA	GF GREENVLE/ESTN NC.....NC
	S SWANBORO.....NC	TOD RALEIGH.....NC	EIV CHARLES TOWN.....WV	RD ORANGEBURG.....SC
	THL WILSON.....NC	NYR SHELBY.....NC	LL NEW MARTINSVILLE.....GA	JLA SPARTANBURG.....SC
	ILT CHARLESTON.....SC	WIF ORANGEBURG.....SC	6.495/6.985 NNO ATLANTA.....GA	ATI GERMANTOWN.....TN
	LSP BRISTOL/HLSMT MT.....TN	CYZ BRISTOL.....TN	6.40/7.00 OOX ROCHELLE.....VA	NLP JAMESTOWN.....TN
	POP NASHVILLE.....VA	ETE MEMPHIS.....TN	UHF CORINTH.....MS	VL GALAX/BRIP MT.....VA
	TFZ CHARLOTTEVILLE.....VA	TOA NASHVILLE.....TN	QFX WATER VALLEY.....MS	TZE OLIVILLE.....VA
	ZIN WILLIAMSBURG.....VA	SKH OAK RIDGE.....TN	FVO JACKSONVILLE.....NC	YSB ATLANTA.....GA
	VA HUNTINGTON.....WV	CYZ BRISTOL.....VA	AZA THOMASVILLE.....NC	D STATESBORO.....GA
	CUL MORGANTOWN.....WV	ZBE RICHMOND.....VA	YLT MARION.....KY	KFD CALVERT CITY.....KY
	ZQ WHEELING.....WV	PDL SALEM.....VA	XKZ PICKENS.....SC	FGA MARION.....KY
6.175/6.775	NFP MARIETTA.....GA	6.295/6.895 COV SO. CHARLESTON.....WV	AZQ KNOXVILLE.....TN	HGX WAYNESBORO.....MS
	OOC FORTS.....NC	HBS HARTWELL.....GA	ZJM MEMPHIS.....TN	JKK MOUNTAIN HOME.....NC
	PPM MIDDLESBORO.....KY	SM MACON.....KY	HMT SUFFOLK/GASBURG.....VA	TC HENDERSON.....TN
	JYH SOUTH PORT, NC.....NC	JBV INDEPENDENCE.....KY	G DY ST ALBANS.....WV	JBJ BEDFORD.....TN
	GYM COLUMBIA.....SC	YFF MADISON.....NC	WAUELKHOHN CITY.....KY	SR CHESAPEAKE.....VA
	JVO PULASKI/MUSIC MT.....TN	RAG HARRISONBURG.....VA	LR SHELBYVILLE.....KY	JTH MT STORM.....WV
	MUO WYTHEVILLE.....TN	KCV VIRGINIA BEACH.....VA	M WILLIAMSBURG.....KY	Z SPENCER.....WV
6.19/6.79	BWZELKINS.....WV	WYH HARTON.....KY	6.09/7.11 NKZ COLUMBUS.....MS	MM ALBANY.....GA
	DMK FOLKSTON.....GA	6.30/6.90 SP FAIRMONT.....WV	6.72/7.12 PPL N. CHARLESTON.....SC	YUG AUGUSTA.....GA
	KOWMOULTRIE.....GA	HIG CLEVELAND/LONG.....GA	KMG BLOUNTVILLE.....TN	CMACEDARTOWN.....GA
	SEX NEWMAN.....GA	HYB GRIFFIN.....GA	SGA CLARKSVILLE.....TN	U BENTON.....KY
	VXX SWAINSBORO.....GA	GFY MOREHEAD.....KY	QS COLLEGEDALE.....TN	ASZ WINCHESTER.....KY
	YWHIGHLAND HEIGHTS.....KY	VV HERNANDO.....MS	ZR TERRA ALTA.....WV	N ACKERMAN.....MS
	TYP BILOXI.....KY	OCMNATCHEZ.....NC	6.415/7.015 GIS CARTERSVILLE.....GA	REWGAST/SPCR MT.....NC
	S WEST POINT.....MS	MOE ASHV/SPIVEY MT.....NC	XRY YADKINVILLE.....NC	Z ROCKY MOUNT.....NC
	LZD CLINTON.....NC	YZF FAYVILLE/CFARS.....NC	M LYNCHBURG.....VA	JMT MYRTLE BEACH.....SC
	ODK SAURATOWN MT.....NC	IZM LEXINGTON.....NC	AXO NORTON/HIGH KNOB.....VA	ZYX COLUMBIA.....TN
	FVV ANDERSON/SAS MT.....SC	BWZ WHITE HALL.....SC	7.615/7.015 DT BONAIRE.....GA	GMV MEMPHIS.....TN
	ILT CHARLESTON.....SC	GZX CLEVELAND.....TN		
	AM CHATTANOOGA.....TN			

7.735/7.135	EAJ OAK RIDGE.....TN	7.98/7.38	USN ABERDEEN.....MS	7.99/7.39	IMX PONTOTOC.....MS	2.84/4.44	NEQATU/MARIETTA.....GA
	VI CULPEPER.....VA		SXK VICKSBURG.....MS		INAY THOMASTON.....GA		IEV SPINDLER.....NC
	DKM BRIDGEPORT.....WV		H RALEIGH BENSON.....NC		NON COVINGTON.....KY		CG WEST SPRINGS.....SC
	BZJ DALTON.....GA		SM WAYNESVILLE.....NC		RBL LA GRANGE.....KY		OG NASHVILLE.....TN
	FRM MILLDEGEVILLE.....GA		LET CHARLESTON.....SC		PDJ WHTSBRG/PINE MT.....KY		FUV SEVIERVILLE.....TN
	Y VALDOSTA.....GA		JRJ SENECA/LONG MT.....SC		UNA PRENTISS.....KY		GUA DANVILLE/WHITE OAK.....VA
	ICN PAINTSVILLE.....KY		YQC GALLATIN.....TN		CHZ AQUADALE.....NC	2.86/4.46	ELN VALDOSTA.....GA
	LRO PETAL.....MS		FH JOHNSON CITY.....TN		PHY CHARLOTTE.....NC		ZTJ SHELBY.....NC
	GBH BREVARD.....NC		LWI MEMPHIS.....TN		OBG EDEKINSVILLE.....NC		YON KNOXVILLE.....TN
	ABWCHERAW.....SC		TMC PINSON.....TN		FAU SHALLOTTE.....NC		FUJ LOVETTSVILLE.....VA
7.75/7.15	EDS ALAMO.....VA		IKL GUM SPRING.....VA		AC SMITHFIELD.....NC	2.88/4.48	PRH NORCROSS.....GA
	AZJ PEARISBURG.....VA		QWOROANOKE/POOR MTNVA		FEC LEXINGTON.....SC		ZA LOCUST.....NC
	HB RICHMOND.....VA		S SCOTT DEPOT.....WV		TA CLARKSVILLE.....TN		CG PARSONS.....WV
	TFW ALBANY.....GA	7.885/7.285	EVD ASHBURN.....GA		PHT DAYTON/RHEA CTY.....TN	2.90/4.50	NEZ NEW GEORGIA.....GA
	BYK CUMMING/SAWNEE.....GA		VBV ATLANTA/GPCO.....GA		BUY OAKFIELD.....TN		TYO BILOXI.....MS
	HKK JACNITO.....MS		ZFH LONDON.....KY		AJO MADISON.....VA		YNY WILMINGTON.....NC
	III PEARL.....MS		FGA MARION.....KY		ARO PETERSBURG.....VA		BBB KNOXVILLE.....TN
	VLY MORGANTOWN.....NC		EZN COLUMBIA.....MS		CRWPARKERSBURG.....WV		DLR MEL/FISHERVILLE.....TN
	TOO RALEIGH.....NC		ADM AIKEN.....SC	6.19/7.51	HBV MEMPHIS.....TN		BVI MARTINSVILLE.....VA
	BJM MONCKS CORNER.....SC		DCD MYB BCH/BRKS VIL.....SC	7.075/7.675	NGO FRANKFORT.....KY	2.92/4.52	KSM WALESA/PNLGMT.....GA
7.765/7.165	SDT SIMPSONVILLE.....SC		MGW WHITE OAK MTN.....SC	7.315/7.915	SPJ FORSYTH.....GA		RWNUTITE MTN.....SC
	PCD NASHVILLE.....TN		ZTK BLUFF CITY.....TN	6.46/1.00	EJH BARBOURSVILLE.....WV		OBWJONESBOROUGH.....TN
	EAJ OAK RIDGE.....TN		PUX PIKEVILLE.....TN				QCN RICHMOND.....VA
	QJZ JEWELL RIDGE.....VA		QT MARTINSVILLE.....VA				RPB GLEN.....MS
	SVR ST ALBANS.....WV		HON SPRUCE KNOB.....WV				BVVMT MITCHELL.....NC
	KIN FORSYTH.....GA	7.90/7.30	MSU PERRY.....GA				DOCATU/CHESTNUT MT.....GA
	HBML EXINGTON.....KY		YSV ROME.....GA				DOC ATLANTA.....GA
	UBV PRESTONSBURG.....KY		Y PRESTONSBURG.....KY				EHF FAYETTEVILLE.....NC
	RIS HIGH POINT.....NC		SJH SPRINGFIELD.....KY				F PIKEVILLE.....KY
	VA GREENWOOD.....SC		YJG JEFFERSON.....MS	2.13/4.74		2.98/4.58	YHH SAURATOWN MT.....NC
7.78/7.18	CEX PURYEAR.....TN		MZP RED SPRINGS.....NC	2.30/3.90			VFD CROSS.....SC
	CTF NEWPORT NEWS.....VA		OMVTUCKASEGEE.....NC	2.32/3.92			GFC CARTERSVILLE.....GA
	H WARRENTON.....VA		LWS AWENDAW.....SC	2.34/3.94			H ASHVILLE.....NC
	BMA AUGUSTA.....GA		BBB KNOXVILLE.....TN				NHR HIGH POINT.....NC
	NHW BALDWIN.....GA		ADM MEMPHIS.....TN				MTM GASBURG/LK GASTN.....VA
	BI SYCAMORE.....GA		ZSA NASHVILLE.....TN	2.38/3.98			ZTL ATLANTA/BELL.....GA
	H BAXTER.....KY		TSC BLUEMONT.....VA				ETG PIKEVILLE.....KY
	RBI DIXON.....KY		SPS FRANKLIN.....VA	2.42/4.02			THN GLOUCESTER PT.....VA
	CN LOUISVILLE.....KY		ZR LEXINGTON.....VA				ABZ RINGGOLD.....GA
	UDJ INVERNESS.....MS		NSL HARRIS/V.PENS BRO.....WV	2.46/4.06			PEN RALEIGH.....NC
7.795/7.195	EUJ SANFORD.....NC		REB TWIN CITY.....GA	2.48/4.08			YHN WINSTON-SALEM.....NC
	SPK TRYON/MELROSE MT.....NC	7.915/7.315	IL SALEM.....KY	2.50/4.10			NRL CHARLESTON.....SC
	CTJ WILMINGTON.....NC		JYH SAURATOWN MT.....NC				SGO CLINCH MTN.....TN
	NAT DORCHESTER.....SC		PPD SHALLOTTE.....NC				BKM MACON.....GA
	SC FT MILL/CAROWND.....SC		UZN N. SPARTANBURG.....SC				PLA MARS HILL.....NC
	KOG MEMPHIS.....TN		O FRUITLAND.....TN	2.52/4.12			AM SUNSET BEACH.....NC
	PCD NASHVILLE.....TN		HFH ALEXANDRIA.....VA				VFR SUMTER/SHAW.....SC
	DES POLK CTY/OSWALD.....TN		HWG GRUNDY.....VA	2.54/4.14			S NASHVILLE.....TN
	Z PKS KB/PULASKI.....VA		YET HARRISBURG.....VA				FJM MANASSAS.....VA
	NMT LEON.....WV		MR CLARKSBURG.....WV				BZJ DALTON.....GA
7.81/7.21	B ATLANTA.....GA	7.93/7.33	BKO LAGRANGE.....GA				KFC WILMONT/CLT.....NC
	UCJ BOSTON.....NC		IDT TOCCOA.....GA				PZD HIRAM.....NC
	NIN LENOIR.....NC		KWHASHLAND.....KY	2.56/4.16			GZ BAY ST. LOUIS.....MS
	WB MURPHY.....NC		KNE MT. STERLING.....KY				RXG SAURATOWN MT.....NC
	RTS LYNCHBURG.....VA		IUI PROVIDENCE.....KY	2.58/4.18			ARO PETERSBURG.....VA
	ELM SMITHFIELD.....VA		CYR MCHENRY.....MS				MBK CLAYTON.....GA
	H HORSEPEN MT.....WV		EPP PHILADELPHIA.....NC	2.62/4.22			KO COLUMBIA.....TN
	EMM CONYERS.....GA		LPL FAYVILLE/FT BRAGG.....NC				KVC TYSONS CORNER.....VA
	TO SAVANNAH.....GA		K LENOIR/HIBRINT.....NC	2.60/4.20			TFU BURNSVILLE.....NC
	BUZ GREENSBORO.....NC		NUY COLUMBIA.....TN				PHY NASHVILLE.....TN
7.825/7.225	MSD WHITEVILLE.....NC		VXW COVINGTON.....TN	2.62/4.20			WOL VIRGINIA BEACH.....VA
	AVU LITTLE MT.....TN		ORB MORROW COUNTY.....TN				FG KINGSTON/CLICK KB.....WV
	WS COOKEVILLE.....TN		REB LEXINGTON/ROCK MT.....VA				BOC STONE MT.....GA
	SBX GRAY/HOLSTON MT.....TN	7.945/7.345	ZIP WARSAW.....VA				EXU SALISBURY.....NC
	WKZ JACKSON.....TN		NEQ ATLANTA/MARIETTA.....GA				E GREENBRIER.....TN
	IWG MCLEAN.....VA		PJR JESUP/SCREVEN.....GA	2.62/4.22			KLW ROCKMART.....GA
	TC EVANS.....WV		IDZ LYNCH/BLACK MT.....KY				D ACKERMAN.....MS
	ZUN JEFFERSON.....GA		JC CLINTON.....NC	2.64/4.24			WGVEDEN.....NC
	LIVY SUMMERVILLE.....GA		MYR SHELBY.....NC				TGK ORANGEBURG.....SC
	NFK LITONFIELD.....KY		TEP WASHINGTON.....NC	2.66/4.26			VCM CHATTANOOGA.....TN
7.84/7.24	OXA ESCATAWA.....MS		DRU AWENDAW.....SC				UCI JC/BUFFALO MT.....TN
	DRL WARSAW.....MS		UVH HENDERSONVILLE.....TN	2.68/4.28			KOG MEMPHIS.....TN
	UOS ASHEVILLE.....NC		MMI RAMER.....TN				GJZ WOODBRIDGE.....VA
	WTH HILLSBOROUGH.....NC		SJM GLADYS.....VA	2.70/4.30			PML MORGANTOWN.....NC
	DTWS ANTEE.....SC		RUA FRANKLIN.....WV				E GREENBRIAR.....TN
	OAH MORRISTOWN.....TN		K LOGAN/SUMERCO.....WV	2.72/4.32			C ATLANTA.....GA
	C HARRISONBURG.....VA	7.96/7.36	CLC DOUGLASVILLE.....GA				MOPLOUSVILLE.....KY
	NRK PRINCETON.....WV		HZX DUBLIN.....GA	2.74/4.34			D ACKERMAN.....MS
	NFG IRWINGTON.....GA		Z LOUISVILLE.....KY				WDUCANTON.....NC
	DII ASHLAND.....KY		CJR HATTIESBURG.....MS	2.76/4.36			HTS GREENSBORO.....NC
7.855/7.255	AVE FAIR DEALING.....KY		PKU LOUISVILLE.....MS				OCF ALEXANDRIA.....VA
	AI FRANKFORT.....KY		SVC NATCHEZ.....NC	2.78/4.38			SAD SINGERS GLEN.....VA
	NAR MAYFIELD.....KY		KDB BOONE/RICH MTN.....MS				MU PERRY.....GA
	R TUPELO.....MS		LDB DURHAM.....NC	2.72/4.32			DAN GRIFTON.....NC
	NIW CARTHAGE.....NC		S LUMBERTON.....NC				PLV BEDFORD.....VA
	PBG FOREST CITY.....NC		EOY COLUMBIA.....SC	2.74/4.34			JNN ALPHARETTA.....GA
	GHZ FRANKLIN.....NC		OAK FALLOTTE.....TN				GVR SUMTER.....SC
	ILN HILTON HEAD.....SC		MMI MEMPHIS.....TN				UHA HAMPTON.....VA
	AC LANCASTER.....SC		NTM NASHVILLE.....TN	2.76/4.36			UPC YORKVILLE.....GA
	BKY GALLATIN.....TN		KLX PARIS.....KY				AI SOMERSET.....KY
7.87/7.27	OG LUNENBURG CT/HSE.....VA		MMI POCAHONTAS.....VA	2.78/4.38			VNO BAY ST. LOUIS.....MS
	FOR WOODBRIDGE.....VA		CBH CESTERFIELD.....VA				AIH ANDREW/ROBBINS NC
	KOT ATLANTA.....GA	7.975/7.375	OLM STUARTS DRAFT.....VA				RKL SAURATOWN MT.....NC
	IOX DIXON.....KY		TOU ATHENS/CRAWFORD.....GA	2.78/4.38			DRG FISHERVILLE.....TN
	CO HIGHLAND HEIGHTS.....KY		VAK LAFAYETTE.....KY				QPL MARIETTA.....GA
	RC LAUREL.....MS		CO WALTON.....GA	2.80/4.40			ST PONTOTOC.....MS
	AV ASHEBORO.....NC		VFU GULFPORT.....MS				EOY COLUMBIA.....SC
	KNI HENDSVL/PENIC/MT.....NC		YN BURNSVILLE.....NC	2.82/4.42			ZOK CHATT/SIGNAL MT.....TN
	BZU NASHVILLE.....TN		ROK GREENVILLE.....NC				OG DELTAVILLE.....VA
	SI PETROS/FRZ HD MT.....TN		DCD TABOR CITY.....SC				NYK ROPER MT/GRNVL.....SC

3.36/4.96	ZIG HIRAM.....	GA	8.125/3.125	DEB HAMPTON.....	GA			B/T CLERMONT HARBOR.....	MS		QC THOMAS.....	WV	
	JTX CHERRYVILLE.....	NC	8.15/3.15	MHRST ALBANS.....	WV			YCR NEW ALBANY.....	MS	9.675/4.675	EBZ NEWMAN.....	GA	
	JVX GOLDSBORO.....	NC	8.20/3.20	APP HIGH HOUSE.....	GA			BOG GASTONIA.....	NC		WGA JAGGONVILLE.....	NC	
	UGS HENDERSVILLE.....	NC		UG GRNVLE/VIKING MT.....	TN			NTM NASHVILLE.....	TN		YAF NASHVILLE.....	TN	
	WTBSAURATOWN MT.....	NC		BS MEMPHIS.....	TN			MR LAROCK.....	VA		MIZ NORFOLK.....	VA	
3.38/4.98	TUN AIKEN.....	SC	8.225/3.225	QCP JONESBORO.....	GA			ZR LEXNGTN/ROCK MT.....	VA	9.70/4.70	LUO DALLAS.....	GA	
	JSR CUMMING.....	GA		ZCM RALEIGH.....	NC	9.175/4.175		COV UNION.....	KY		ELN VALDOSTA.....	GA	
	CHP FALLS CHURCH.....	VA	8.25/3.25	VF DORTON.....	KY			WBTSTUART/SPoon MTN.....	VA		AUN LOUISVILLE.....	KY	
				JEX KANNAPOLIS.....	NC	9.20/4.20		LBM DECATUR.....	GA		Y JACKSON.....	MS	
				HTA VIENNA.....	VA			U MAYTOWN.....	KY		JEH ROCKY MOUNT.....	NC	
440 MHZ				KLW ROCKMART.....	GA			E OAK LEVEL.....	KY		PDO MARYVILLE.....	TN	
9.45/5.67	DOC ATLANTA.....	GA	8.275/3.275	X ATHENS.....	GA			YNF AHOSKIE.....	NC		WBG GAITHERSBURG.....	VA	
9.25/1.25	PXX BRNSWK/JEKYLL IS.....	GA	8.30/3.30	SVO ARCHDALE.....	NC			GYM COLUMBIA.....	SC		LG MORGANTOWN.....	WV	
	PPN CHARLOTTE.....	NC		IEV SPINDALE.....	NC			YTU BROWNSVILLE.....	TN	9.725/4.725	NFA WATKINSVILLE.....	GA	
	AZA SAURATOWN MT.....	NC		SSB GALLATIN.....	TN			NEX MORRISTOWN.....	TN		RAV BLUFF CITY.....	TN	
	GUP LEXINGTON.....	SC		KJH GTALBG/COVE MT.....	TN			ECMENON.....	VA		TK FRANKLIN.....	TN	
	ERU MEMPHIS.....	TN	8.325/3.325	JMD STOCKBRIDGE.....	GA			EJA WAYNESBORO.....	VA	9.75/4.75	EMMCNVERS.....	GA	
9.250/1.250	ZQ NASHVILLE.....	TN		LYD ELLIAY/BUCK MTN.....	GA	9.225/4.225		VWYVANCEVILLE.....	NC		VZF STARKVILLE.....	MS	
	NS ELIZABETHTOWN.....	KY	8.35/3.35	LFU RICHMOND.....	VA			ARK NASHVILLE.....	TN		TC HENDERSON.....	TN	
	TPI PULASKI.....	GA		AQS CALHOUN/JASPER.....	GA	9.25/4.25		BOC ATLANTA/STONE MT.....	GA		KCI FOREST.....	VA	
9.25/3.25	UMUSUMTER.....	SC	8.375/3.375	RDM HAMPTON.....	GA			OC GLASGOW/CVCTY.....	KY		YF TYSONS CORNER.....	VA	
	VHP SAVANNAH.....	GA	8.40/3.40	WTBSAURATOWN MT.....	NC			KYR CYRILPORT.....	MS		BNW CHARLESTON.....	WV	
	MM ALBANY.....	GA		RPC YAUPON BEACH.....	NC			KNI HENDSVL/BERWLV MNC.....	NC	9.775/4.775	NEQ ATLANTA/MARIETTA.....	GA	
	AOH OWENSBORO.....	KY		TUN AIKEN.....	SC			FJ SMITHFIELD.....	NC		AKM GALLATIN.....	TN	
1.25/9.25	MYR SHELBY.....	NC		DBJ CUMBERLAND CITY.....	TN			E GREENBRIER.....	TN	9.80/4.80	G PARKERSBURG.....	WV	
6.25/9.25	ERU MEMPHIS.....	TN		QWWMEMPHIS.....	TN			TFZ CHARLOTTEVILLE.....	VA		ASI COVINGTON.....	GA	
	GVK ALEXANDRIA.....	VA		MDE JASPER.....	TN	9.30/4.30		WJ JENKINS.....	KY		BEJ ELIZABETHTOWN.....	KY	
	FHL ROANOKE/POOR MT.....	VA	8.425/3.425	SOC JOHNSON CITY.....	TN			ZZD LOUISVILLE.....	KY		CO JACKSON.....	MS	
7.00/2.00	RTH ALPHARETTA.....	GA		VAK HIGH PT/LOOKT MT.....	GA			WORGREENSBORO.....	NC		J GREENVILLE.....	NC	
	ORL LOUISVILLE.....	KY	8.45/3.45	VOZ STATESVILLE.....	NC			MNH CHARLESTON.....	SC		JJ MEMPHIS.....	TN	
	HMT GASBURG.....	VA		EOC LOUISVILLE.....	KY			DRL FISHERVILLE.....	TN		LP MORRISTOWN.....	TN	
	IQV MARION.....	VA	8.50/3.50	UBY META.....	KY			GBI KNOXVILLE.....	TN		MIC OLIVILLE.....	VA	
7.025/2.025	JA AUGUSTA.....	GA		X LAUREL.....	MS			EFK FALLS CHURCH.....	VA	9.825/4.825	G BECKLEY/KINGSTON.....	WV	
7.05/2.05	XV JASPER.....	TN		POZ GREENSBORO.....	NC	9.325/4.325		BA MARIETTA.....	GA		CUL MORGANTOWN.....	WV	
	BEZ MEDINA.....	TN		GYM COLUMBIA.....	SC			T WYTHEVILLE.....	VA		DOC ATLANTA.....	GA	
7.075/2.075	VOS STANTON.....	KY		WKS PARIS/GROVE HL.....	TN	9.35/4.35		CO HIGHLAND HEIGHTS.....	KY		O SALEM.....	KY	
7.10/2.10	ABJ MILAN.....	VA		FI TYSONS CORNER.....	VA			V GIBSONVILLE.....	NC		DSN AMITY.....	NC	
7.125/2.125	PLP ROSSVILLE.....	GA	8.525/3.525	KLW ROCKMART.....	GA			DBB BEDF/APL ORCH.....	VA		UY MT AIRY/FSH PK.....	NC	
7.15/2.15	BEA RALEIGH.....	NC	8.55/3.55	IN DACULA.....	GA			BKY GALLATIN.....	TN		CF MEMPHIS.....	TN	
	J CHATTANOOGA.....	TN		XE ROARING GAP.....	NC			IZF JASPER.....	GA	9.85/4.85	BGK NASHVILLE.....	TN	
7.150/2.150	TPI PULASKI.....	TN		ELM SMITHFIELD.....	VA	9.375/4.375		UA AUGUSTA.....	GA		ZBP STAUNTON.....	VA	
7.175/2.175	EO ROCKY FACE.....	GA	8.575/3.575	PXV GRANDFATHER MTN.....	NC	9.40/4.40		ULJ HAMILTON.....	GA		BZJ DALTON.....	GA	
7.20/2.20	YUJ ROANOKE.....	VA	8.60/3.60	BA MARIETTA.....	GA			LUJ LAWRENCEVILLE.....	GA		UM MIDWAY.....	GA	
	APR DECATUR.....	GA		HYE MENDENHALL.....	MS			RBL LA GRANGE.....	KY		YUJ LEXINGTON.....	KY	
	SBX GRAY/HOLSTON MT.....	TN		DWUMT MITCHELL.....	NC			LTW MERIDIAN.....	MS		WREPOPLARVILLE.....	MS	
	BJY OAKFIELD.....	VA		CXD FOREST.....	VA			YZF FAYETTEVILLE.....	NC		CQ CHARLOTTE.....	NC	
	TXE STERLING.....	VA	8.625/3.625	MJN JAMESTOWN.....	TN			YOO FOREST CITY.....	NC		GMP WILMINGTON.....	NC	
7.225/2.225	OC PARSONS.....	WV	8.65/3.65	ZV ATLANTA.....	GA			KOG MEMPHIS.....	TN	9.875/4.875	NDQ NORTON/HIGH KNOB.....	VA	
7.25/2.25	KWT LOUISVILLE.....	KY		D ACKERMAN.....	MS			EAJ OAK RIDGE.....	TN		ELV CONYERS.....	GA	
	POA GREENVILLE.....	SC		AIH ANDREWS/ROBBINSVNC.....	NC			HON LURAY.....	VA		LRD CHATTANOOGA.....	TN	
	DES OSWALD DOME.....	TN		UMI HAMPTON.....	NC			ARO PETERSBURG.....	VA		BOJ JACKSON.....	TN	
	HTI COVINGTON.....	VA		BON ROANOKE/POOR MT.....	VA			G ALDERSON.....	WV		AKM NASHVILLE.....	TN	
7.275/2.275	VTT MACON.....	GA	8.70/3.70	BA MARIETTA.....	GA			ISI ATLAVISTA.....	VA	9.90/4.90	WTPBIG "A" MTN.....	VA	
7.30/2.30	VFD CROSS.....	SC		LWX HIGH POINT.....	NC	9.425/4.425		DOC ATLANTA.....	GA		IVB CORBIN.....	KY	
	BS BECKLEY/BOLT.....	WV		LBT LOCUST.....	NC	9.45/4.45		LCL JACKSON.....	MS		YWHIGHLAND HEIGHTS.....	KY	
7.325/2.325	JSR CHATTANOOGA.....	TN		DR BARTLETT.....	TN			YU BROWNSVILLE.....	TN		D ACKERMAN.....	MS	
7.35/2.35	NHWBALDWIN.....	GA	8.75/3.75	TF COVINGTON.....	GA			KWP GALLATIN.....	TN		MWASHVILLE.....	NC	
7.40/2.40	UER WARM SPRINGS.....	GA		EDS ALAMO.....	TN			J SODDY DAISY.....	TN		DWTASHEVILLE.....	NC	
	XV LATONIA.....	KY		EG ROANOKE AIRPORT.....	VA			ZA FALLS CHURCH.....	VA		JMS NEW BERN.....	NC	
	QHP PICKENS/CSRS HD.....	SC	8.80/3.80	NFP ATLANTA/MARIETTA.....	GA	9.475/4.475		CLA SWEAT MT/MARIETT.....	GA		J WILSON.....	NC	
	YI LYNCHBG/JACK MT.....	VA		IAT NATCHEZ.....	MS	9.50/4.50		MM ALBANY.....	GA		MMI MEMPHIS.....	TN	
7.45/2.45	RBL LA GRANGE.....	NC		HNK SUMMERVILLE.....	SC			UWL ATLANTA.....	GA	9.925/4.925	IDG WATERTOWN.....	TN	
	LMR RALEIGH.....	NC		NDH CHESAPEAKE.....	VA			APA HENDERSON.....	KY		FOR WOODBRIDGE.....	VA	
7.475/2.475	NVG LAVONIA.....	NC		VA INDEPENDENCE HILL.....	VA			MOP LOUISVILLE.....	KY		NNO ATLANTA.....	GA	
7.50/2.50	NEZ DOUGLASVILLE.....	GA	8.825/3.825	KRM SHELBYVILLE.....	TN			ICX LEXINGTON.....	NC		PJR JESUP.....	GA	
	MLF LOUISVILLE.....	KY		KZI PETERSBURG.....	VA			PEN RALEIGH.....	NC		MKGASLAND.....	KY	
	NTZ KNOXVILLE.....	TN	8.85/3.85	PN WALESKA/PNLOG MT.....	VA			WZGLASGOW.....	KY		PYO SOUTHAVERN.....	MS	
	CA ROANOKE/POOR MT.....	VA		ULM FRANKLIN.....	TN			TTE VICKSBURG.....	MS		WQH CHARLESTON.....	WV	
7.500/2.500	YNY WILMINGTON.....	NC	8.875/3.875	MS HAW RIVER.....	NC			XRY MT. AIRY.....	NC		BUH ANDERSON/SAS MT.....	SC	
7.55/2.55	JEH CONYERS.....	GA		DUM WILLIS.....	VA			LSL KNOXVILLE.....	TN		VIH DOVER.....	VA	
	MMYPITTSBORO.....	NC	8.90/3.90	DEB GRIFFIN.....	GA			HEX LYNCHBURG/TOBRMTVA.....	VA		BON ROANOKE/LONG RDG.....	VA	
7.60/2.60	USU MURPHY.....	NC		DWUELLVILLE.....	MS			ZAI ALEXANDRIA.....	VA	9.95/4.95	ACY PERRY.....	GA	
	VA HUNTINGTON.....	WV		JIF HIGH POINT.....	NC	9.525/4.525		VF GRETHLE.....	KY		E LEXINGTON.....	KY	
7.625/2.625	NSO GAINESVILLE.....	GA		SSB HENDERSVILLE.....	TN			PYI NASHVILLE.....	NC		WKL RALEIGH.....	NC	
	AM SUNSET BEACH.....	NC		EVG CHESAPEAKE.....	VA			DCD MYB CHB/BRKSVIL.....	SC		SIR BENTON/BEAN MT.....	TN	
	EPG MEMPHIS.....	TN	8.925/3.925	LJU RINGOLD.....	VA			NEF TYRONE.....	GA		GP CLARKSVILLE.....	TN	
7.675/2.675	UP LAWRENCEBURG.....	TN		YR SOUTH BOSTON.....	VA	9.55/4.55		JEH CONYERS.....	GA		NNE MEMPHIS.....	TN	
7.70/2.70	HHH ELLIJAY.....	GA	8.95/3.95	RYF MEMPHIS.....	TN			KQ LEWISPORT.....	KY		WRNSTAUNTON.....	VA	
	AZU SAVANNAH.....	GA		NTG WILLIAMSBURG.....	VA			VTE GASTONIA.....	NC		KCV VIRGINIA BEACH.....	VA	
7.725/2.725	VG ROANOKE/POOR MT.....	VA	8.975/3.975	BRN MEMPHIS.....	TN			VM ROANOKE RAPIDS.....	NC		COV SO. CHARLESTON.....	WV	
	NMF ATLANTA/SWEAT MT.....	GA		WVS ROCKWOOD.....	TN			Y COOKEVILLE.....	TN	9.975/4.975	DNZ ATLANTA.....	GA	
7.75/2.75	YJ LOUISVILLE.....	KY		ODX LAWRENCEVILLE.....	GA			OGT HAMPTON.....	VA		TVE BRUNSVICK.....	GA	
	EMMILIDGEEVILLE.....	GA	9.00/4.00	AFY SAVANNAH.....	GA			AQG DOUGLASVILLE.....	GA		TAT ASHLAND.....	KY	
7.80/2.80	GR BAKERSVILLE.....	NC		WRX JACKSON.....	MS	9.575/4.575		MVY PHELPS.....	KY		CWF NICHOLASVILLE.....	KY	
	AAD YADKINVILLE.....	NC		JEQ HICKORY.....	NC			SD SALISBURY.....	NC		AGD JACKSON.....	MS	
	EPG JACKSON.....	TN		YEO SELMA.....	NC			WCKNASHVILLE.....	TN		ZTJ POLKVILLE.....	NC	
	MIC GUM SPRING.....	VA		BYE GALLATIN.....	TN			DE COLLINSVILLE.....	VA		AKM NASHVILLE.....	TN	
7.825/2.825	G MEMPHIS.....	TN		ETK MEMPHIS.....	TN			KMS COVINGTON.....	GA	2.075/7.075	ACY PEARSBURG.....	VA	
7.875/2.875	IWK MACON.....	GA		SN PORTSMOUTH.....	VA	9.60/4.60		NMC LOUISVILLE.....	KY	3.375/8.375	GYM COLUMBIA.....	SC	
7.90/2.90	AZA THOMASVILLE.....	NC		IT MULLENS/HRNDN MT.....	VA			OC JACKSON.....	MS	3.85/8.85	OC ATLANTA.....	KY	
7.95/2.95	FU LYNCHBURG.....	VA		DKZ HIGH POINT.....	NC			BFB CHARLOTTE.....	NC	9.75/8.975	YSV WALUSKA/PINE LOG.....	GA	
7.975/2.975	YNZ ATLANTA.....	GA	9.025/4.025	RDK MEMPHIS.....	TN			HAP KNOXVIL/ENG MTN.....	TN	4.175/9.175	SD WOODFORD.....	VA	
8.00/3.00	OGF CHATSWORTH.....	GA		NEG ATLANTA/MARIETTA.....	GA			WQ SINGERS.....	GA	4.225/9.225	O WINCHESTER.....	VA	
	EOY COLUMBIA.....	SC		OG NASHVILLE.....	TN	9.625/4.625		WQ ATLANTA.....	GA	4.75/9.725	JCE MANASSAS.....	VA	
	ZJM MEMPHIS.....	TN	9.05/4.05	AVA GREAT FALLS.....	VA			QFL HAWESVILLE.....	KY	4.775/9.775	SJH SPRINGFIELD.....	KY	
	X WHITETOP MTN.....	VA		ALM STUARTS DRAFT.....	VA			OCF RICHMOND.....	MS	4.875/9.875	KHP LORTON.....	VA	
8.80/3.00	KOG MEMPHIS.....	TN		OLM STUARTS DRAFT.....	VA			AY NASHVILLE.....	MS	4.925/9.925	KHP FAIRFAX.....	VA	
8.025/3.025	DOZ BURLINGTON.....	NC	9.10/4.10	5 BOWLING GREEN.....	KY			IBW BLUEFIELD.....	VA	8.825/9.825	KHP SPRINGFIELD.....	GA	
8.05/3.05	JVX GOLDSBORO.....	NC		WTT LOUISVILLE.....	KY			ST PONTOTOC.....	MS		DCS ARLINGTON.....	VA	
	PUB MT JULIET.....	TN		WUXMERIDIAN.....	MS			MMESALSBURY.....	NC	4.875/9.875	DCS WOODBRIDGE.....	VA	
	VT PARKERSBURG.....	WV		NC CHATTANOOGA.....	TN	9.65/4.65		NKM GREENEVILLE.....	TN	6.25/1.25	TSC BLUEMONT.....	VA	
8.10/3.10	IDZ LYNCH/BLACK MT.....	KY		JXT MEMPHIS.....	TN			OYS SHORT MTN.....	NC		GVK ALEXANDRIA.....	VA	
	GGCSAURATOWN MT.....	NC		FOZ STAUNTON/EL KNOB.....	VA			ARO RICHMOND.....	VA	7.25/ACON	HEX LYNCHBURG.....	VA	
	N GRNVLE/PARIS MT.....	SC		ICO PARKERSBURG.....	WV						NEQ ATL/MARIETTA.....	GA	
	GPM FAYETTEVILLE.....	TN		ELO LAFAYETTE.....	TN								
	JXT MEMPHIS.....	TN	9.125/4.125	ZTL ATLANTA/BELL.....	GA								
	FHE BUCKHANNOH.....	WV	9.15/4.15										

SERA REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY.....	W4MM	29.58	29.68	N	L
ATL/MARIETTA.....	N4NEQ	29.54	29.64	*	*
DALTON.....	N4BZJ	29.58	29.68	*	AL

6 METERS

ATL/MARIETTA.....	N4NEQ	52.09	53.09	*	L
AUGUSTA.....	K4EDU	52.03	53.03	*	*
CARTERSVILLE.....	WB4AEG	52.07	53.07	N	PR
CONYERS.....	WB4JEH	52.55	53.55	*	*
DALTON.....	N4BZJ	52.13	53.13	*	PR
PINE LOG MT.....	WB4UPC	52.25	53.25	D	L
PINE LOG MT.....	KE4PN	52.29	53.29	*	N
VALDOSTA.....	K80Y	52.89	53.89	N	*

2 METERS

ADAIRSVILLE.....	WD4MVL	146.085	146.685	N	PL
ADEL.....	KF4JL	144.53	145.13	N	*
ALBANY.....	W4MM	144.55	145.15	N	L
ALBANY.....	W4MM	146.10	146.70	N	A
ALBANY.....	W4MM	146.13	146.73	N	*
ALBANY.....	W4MM	146.22	146.82	N	*
ALBANY.....	W4MM	147.72	147.12	N	K
ALBANY.....	WB4TFW	147.75	147.15	N	*
AMERICUS.....	WD4EBB	147.87	147.27	N	B
ASHBURN.....	WD4EVD	147.885	147.285	*	P
ATHENS.....	WB4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD/K4TOU		147.975	147.375	*	*
ATL/UNION CITY.....	WA4UPE	146.025	146.625	*	*
ATLANTA.....	W4AQL	144.55	145.15	N	PEB
ATLANTA.....	K4DRQ	144.69	145.29	B	*
ATLANTA.....	W4DOC	144.75	145.35	N	*
ATLANTA.....	W4DOC	144.75	145.35	*	*
ATLANTA.....	WB4ACGR	146.04	146.64	N	T
ATLANTA.....	W4DOC	146.22	146.82	*	EP
ATLANTA.....	K4CLJ	146.37	146.97	T	*
ATLANTA.....	WA4NNO	146.40	147.00	N	P
ATLANTA.....	K4YSB	147.705	147.105	N	Y
ATLANTA.....	K4N4B	147.795	147.195	N	T
ATLANTA.....	WD4KOT	147.855	147.255	*	BELP
ATLANTA/AIRPORT/W4REI		147.63	147.03	D	*
ATLANTA/BELL.....	W4PME	144.81	145.41	*	BEP
ATLANTA/GPCO.....	W44VBX	147.885	147.285	*	*
ATLANTA/MARIETTA/N4NFP		146.055	146.655	*	ABLR118.8
ATLANTA/MARIETTA/N4NFP		146.055	146.655	*	ELRP118.8
ATLANTA/SWEAT MT/K4DNC		146.13	146.73	N	LK
AUGUSTA.....	W4TUN	144.51	145.11	D	A
AUGUSTA.....	A44UA	144.77	145.37	*	A
AUGUSTA.....	WD4COL	144.89	145.49	N	AB
AUGUSTA.....	W4LWT	146.04	146.64	*	K
AUGUSTA.....	K4TAN	146.34	146.94	D	*
AUGUSTA.....	N44I	146.385	146.985	*	BELP
AUGUSTA.....	N4S	147.72	147.12	N	P
AUGUSTA.....	N4BMA	147.72	147.12	N	P
BALDWIN.....	WD4NHW	147.78	147.18	*	A
BOHAIER.....	K4M4T	147.615	147.015	N	*
BOSTON.....	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEYLL/ISK4PXX		144.81	145.41	*	*
BRUNSWICK.....	K4TVE	146.13	146.73	N	A
CALHOUN/JASPER/K4CAQS		147.405	146.805	*	PLBR
CARROLLTON.....	W4FWD	146.04	146.64	*	BET131.8
CARTERSVILLE.....	N4GIS	146.415	147.015	O	*
CEDARTOWN.....	W4CMA	147.72	147.12	*	P
CLAYTON.....	W44BLQ	144.85	145.45	*	*
CLEVELAND/LONG.....	W4HIG	147.813	147.213	N	A
CLEVELAND/LONG.....	K4FOW	147.815	147.015	N	*
COCHRAN.....	N4MXX	144.51	145.11	*	ABE
COLUMBUS.....	K4ACEK	144.71	145.31	N	*
COLUMBUS.....	W4CVV	146.01	146.61	*	A
COLUMBUS.....	W4CVV	146.28	146.88	*	*
CONYERS.....	WB4JEH	144.63	145.23	*	*
CONYERS.....	WB4JEH	146.01	146.61	*	T151.4
CONYERS.....	N4EMM	147.81	147.21	*	PEB
COOLIDGE.....	N4JBF	144.57	145.17	N	PR
DOUGLASVILLE.....	W44RWS	144.89	145.49	*	*
DOUGLASVILLE.....	W44ASJ	146.325	146.925	*	*
DUBLIN.....	W4H3Z	147.96	147.36	N	A
EASTMAN.....	K4KEC	146.13	146.73	*	*
EATONTON.....	K4CYHM	147.69	147.09	N	AE
ELBERTON.....	N4UJT	146.025	146.625	N	PR
ELLIJAY-BUCK MT/N4YYD		144.65	145.25	D	A
ELLIJAY/TALONA M/W4HHM		146.385	146.985	*	AB
EVANS.....	N4TDL	146.28	146.88	*	*
FAYETTEVILLE.....	W4PSZ	144.61	145.21	N	PE
FAYETTEVILLE.....	K4UWN	146.085	146.685	*	*
FOLKSTON.....	K4DMK	146.19	146.79	N	*
FORSYTH.....	W4SPJ	147.315	147.115	N	NB
FORSYTH.....	K4KIN	147.765	147.165	*	PL

GAINESSVILLE.....	W4NSO	146.07	146.67	*	PBT131.8
GRIFFIN.....	K4HYB	144.79	145.39	*	P
GRIFFIN.....	K4HYB	146.31	146.91	*	*
HARTWELL.....	W44RBS	146.295	146.895	D	B
HINESVILLE.....	K4KJU	144.87	145.47	*	AB
IRWINTON.....	WB4NFG	147.84	147.24	N	A
JASPER.....	K84IFZ	144.77	145.37	D	RPLB
JASPER.....	W4COM	146.10	146.70	*	*
JEFFERSON.....	K84ZUN	147.825	147.225	N	*
JESUP.....	W44EQL	146.07	146.67	D	*
JESUP.....	N4PJR	146.325	146.925	*	P
JESUP/SCREVEN.....	N4PJR	147.945	147.345	*	*
JONESBORO.....	W44DIW	144.57	145.17	*	E
JONESBORO.....	W44OGE	144.73	145.33	*	E
JAYFAYETTE.....	K84YAK	147.975	147.375	A	*
LAGRANGE.....	K04R	146.25	146.85	N	O
LAGRANGE.....	WB4BXO	147.93	147.33	N	*
LAVONIA.....	K4NVG	146.115	146.715	*	PBT100.0
LAWRENCEVILLE.....	WD4JXR	147.675	147.075	*	EP
MACON.....	WB4QLL	144.83	145.43	*	PLR
MACON.....	W4BKM	146.06	146.66	*	AB11.4
MACON.....	N3SM	146.295	146.895	*	NTP51.8
MACON.....	W44DDI	147.66	147.06	D	T
MADISON.....	WB4DKY	146.265	146.865	D	A
MARIETTA.....	K4LCL	144.83	145.43	N	A
MARIETTA.....	W44OPL	144.49	145.09	*	BLRPT118.8
MARIETTA.....	N4NPF	146.175	146.775	*	*
MARIETTA.....	W4IUD	146.28	146.88	*	*
METTER.....	W4TYM	147.645	147.045	D	ABE
MIDWAY.....	K4FUM	147.615	147.015	O	*
MILLEDGEVILLE.....	K4FLJ	145.15	145.75	D	PT
MILLEDGEVILLE.....	WB4DOJ	146.10	146.70	*	EL
MILLEDGEVILLE.....	K4FLT	146.205	146.805	*	*
MILLEDGEVILLE.....	K4FRM	147.735	147.135	*	*
MORGANTON.....	K4GBS	146.475	147.075	D	*
MOUTRIE.....	WD4KOW	146.19	146.79	N	*
NEWNAN.....	K4SEX	144.53	145.13	*	BP
NEWNAN.....	K4SEX	146.19	146.79	BP	*
PEMBROKE.....	WB4CJB	147.675	147.075	N	A
PERRY.....	K4KIN	146.355	146.955	*	PL
PERRY.....	AC4MU	147.59	147.19	*	ABER
PINE MT/HAMILTON/W4BLJ		144.90	145.50	N	N
PRESTON.....	WB4TOV	146.385	146.985	N	*
QUITMAN.....	W4FGH	146.28	146.88	N	*
RINGOLD.....	W4ABZ	146.115	146.715	N	E
RICHIE.....	W4WEL	144.70	145.30	*	B
ROCKY TOP MT.....	K5PSE	146.355	146.955	N	*
ROME.....	WB4YSV	147.90	147.30	N	*
ROME/MT. ALTO.....	W4VO	146.34	146.94	*	P
ROSSVILLE.....	W4FGQ	144.75	145.35	*	*
ROSSWELL.....	N4CLA	147.66	147.06	*	PE
SANDERSVILLE.....	N4CGV	144.67	145.27	N	P
SAVANNAH.....	K4KTO	146.10	146.70	*	PE
SAVANNAH.....	W4HBB	146.28	146.88	N	AB
SAVANNAH.....	W4HBB	146.37	146.97	N	AB
SAVANNAH.....	K4KTO	147.81	147.21	*	PE
ST SIMONS ISL.....	K44CUE	147.69	147.09	N	*
ST. MARYS.....	K44UUB	146.385	146.985	N	*
STATESBORO.....	N4C4D	147.705	147.105	N	*
STOCKBRIDGE.....	W44JDR	144.71	145.31	N	*
STONE MT.....	W4BOC	146.16	146.76	N	*
SUMMERVILLE.....	K44LVY	147.825	147.225	A	*
SWAINSBORO.....	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETTA/N4CLA		144.87	145.47	*	PE
SYCAMORE.....	K4FBI	147.78	147.18	N	*
THOMASTON.....	K4MK	147.99	147.39	N	E
THOMASVILLE.....	W4UCJ	147.66	147.06	*	*
THOMPSON.....	WB4OCP	146.235	146.835	N	C
TOCCOA.....	K44DIB	147.93	147.33	*	*
TWIN CITY.....	N4REB	147.915	147.315	N	PR
VALDOSTA.....	N4ELN	146.16	146.76	N	PT
VALDOSTA.....	K80Y	147.735	147.135	N	A
VIDALIA.....	N4JWP	146.025	146.625	A	*
WALESKA/PNLGM/K4EPN		144.67	145.27	*	*
WARREN SPRINGS.....	N4NFE	146.385	146.985	N	BE
WARNER ROBINS.....	WB4BDP	146.01	146.61	A	*
WARNER ROBINS.....	N4NFE	146.385	146.985	N	BE
WATKINSVILLE.....	N4NFA	147.645	147.045	D	RPEL
WAYCROSS.....	K4DCEK	146.04	146.64	A	*
WAYNESBORO.....	WD4COL	144.63	145.23	N	*
WRENS.....	WB4OVB	146.175	146.775	N	*
WRIGHTSVILLE.....	W44RCH	146.34	146.94	N	AL

220 MHz

ALPHARETTA.....	K4CJNN	223.26	224.86	*	ABELRT100.
ATL/CHESTNUT MT.....	N4JNC	222.96	224.56	N	L
ATL/MARIETTA.....	N4NEQ	222.84	224.44	*	BLRPT118.8
ATLANTA.....	N4BLR	222.68	224.28	N	*
ATLANTA.....	W4DOC	222.74	224.34	*	*
ATLANTA.....	W4DOC	222.96	224.56	*	*
ATLANTA.....	K4AC	223.22	224.82	D	PLR
ATLANTA-NE.....	K4C4OVY	222.60	224.20	N	BEP
ATLANTA/BELL.....	W4ZTL	223.02	224.62	*	*
ATLANTA/MARIETTA/N4NFP		222.52	224.12	*	ABLR118.1
AUGUSTA.....	A44UA	222.60	224.20	A	*
AUGUSTA.....	WB4KXO	223.34	224.94	*	P
BALDWIN.....	W54F	222.50	224.10	*	*
BRUNSWICK.....	N3GLC	222.58	224.18	N	*
CARTERSVILLE.....	N4GIS	223.00	224.60	*	*
CLAYTON.....	WD4MBK	223.12	224.72	*	*
CLEVELAND.....	N4RBT	222.78	224.38	N	P

CONYERS.....	WB4JEH	222.54	224.14	*	*
CUMMING.....	K4JSR	223.38	224.98	*	PL
DALLAS.....	N4YDX	222.58	224.18	*	BELP
DALTON.....	N4BZJ	222.76	224.36	*	TH85.
DALTON.....	N4BZJ	223.08	224.68	D	*
DALTON.....	N4YVC	223.14	224.74	*	ER
ELLIJAY-BUCK MT/N4YYD		222.64	224.24	D	*
HIRAM.....	K4CPZD	223.10	224.70	N	B
HIRAM.....	N4ZJG	223.36	224.96	*	ABL
MACON.....	W4BKM	223.06	224.66	*	*
MARIETTA.....	N4NEQ	222.62	224.22	D	L
MARIETTA.....	KV4L	222.66	224.26	N	BP
MARIETTA.....	W44OPL	223.30	224.90	*	PE
NEW GEORGIA.....	W44NEZ	222.90	224.50	*	AB
NORCROSS.....	K84RVC	222.88	224.48	N	*
PERRY.....	AC4MU	223.24	224.84	*	ABER
RINGOLD.....	W4ABZ	223.04	224.64	N	P
ROCKMART.....	K4KLV	223.18	224.78	*	*
ROME.....	WB4YSV	222.82	224.42	N	*
ROSSVILLE.....	K4CEV	223.34	224.94	N	*
SASAFRAS MTN.....	K4CJNN	222.56	224.16	*	ABELRT100.
STONE MT.....	W4BOC	223.16	224.76	N	*
THOMASVILLE.....	N4JBF	222.72	224.32	N	AL
VALDOSTA.....	N4ELN	222.86	224.46	N	*
WALESKA/PNLGM/K4EPN		222.92	224.52	*	A
YORKVILLE.....	WB4UPC	223.28	224.88	D	*

440 MHZ

ALBANY.....	W4MM	439.25	427.25	N	V
ALBANY.....	W4MM	449.50	445.50	N	*
ALPHARETTA.....	WB6RTH	447.00	442.00	N	AB

MORE GEORGIA REPEATERS

ROSSVILLE.....	N4PLP	447.125	442.125	N	C
SAVANNAH.....	W4VHP	439.25	426.25	* ABV	
SAVANNAH.....	KC4AZU	447.70	442.70	N	C
SAVANNAH.....	W4DAFY	449.00	444.00	N	B
SMYRNA.....	N4IBW	449.65	446.65	N	
STOCKBRIDGE.....	N4JMD	448.325	443.325	N	PTL
STOCKBRIDGE.....	N4JMD	448.325	443.325	N	PTL
STONE MT.....	N4MSE	449.025	444.025	N	
SWEAT MT/MARIETTA.....	N4ACL	449.475	444.475	* EP	
TIPTON.....	KF4JF	449.35	444.35	N	
TYRONE.....	K4NEF	449.55	444.55	N	
VALDOSTA.....	N4ELN	449.70	444.70	N	T
WALESKA/PNLOG MTK4PN		448.85	443.85	N	L
WALUSKA/PNLOG W4BYSV		443.85	448.85	N	NB
WARM SPRINGS.....	N4UER	447.40	442.40	N	BE
WATKINSVILLE.....	N4NFA	449.725	444.725	D	RPEL

920 MHZ

DALTON.....N4BZJ 907.10 919.10 * PR

1270 MHZ

ATL/CHESTNUT MT W4DOC 1291.40 1271.40 N
ATLANTA.....W4DOC 1271.40 1291.40 *
ATLANTA/BELL.....KB4KN 1272.00 1292.00 *

KENTUCKY REPEATERS

6 METERS

GUTHRIE.....KA4ZKL 52.23 53.23 N C
LOUISVILLE.....WB4LR 52.025 53.025 N
STANTON.....WD4KNE 52.81 53.81 N P

2 METERS

OWENSBORO.....KN4KQ 146.085 146.685 * ALR
ASHLAND.....K04SN 146.34 146.94 * P
ASHLAND.....KA4DI 147.84 147.24 D P
ASHLAND.....W48KWH 147.93 147.33 D A
BARDSTOWN.....N4SRT 144.87 145.47 N C
BAXTER.....WM4H 147.78 147.18 N A
BENTON.....W64U 147.72 147.12 N
BEREA.....K4B 146.115 146.715 N
BOWLING GREEN.....W4RYC 146.035 146.635 N
BOWLING GREEN.....W44CMU 146.055 146.655 PER
BOWLING GREEN.....KA4CLL 146.25 146.85 N
CALVERT CITY.....K4VDF 147.705 147.105 N AB
CAMBELLVILLE.....W44UJX 146.04 146.64 D
CLARKSON.....N4PKX 144.89 145.49 N
CORBIN.....WD4KVV 146.01 146.61 * P
COVINGTON.....WB8NON 144.81 145.41 N
COVINGTON.....WB8NON 147.99 147.39 D A
DAWSON SPRINGS N4STY 146.13 146.73 D
DEANE.....K44U 146.41 145.21 N L
DIXON.....WD4RBI 147.78 147.18 N
DIXON.....N4IOX 147.855 147.255 N CP
DORTON.....W44SWF 146.13 146.73 D BR
ELIZABETHTOWN.....W4BEJ 146.38 146.98 * ABL
ELKHORN CITY.....WB4WAU 147.60 147.00 D
ERLANGER.....N4BOP 144.81 145.21 N
FAIR DEALING.....N4AVE 147.84 147.24 N
FERN CREEK.....WB4NSY 146.16 146.76 N
FRANKFORT.....K4NGQ 147.075 147.675 N
FRANKFORT.....K4CAI 147.84 147.24 N
GLASGOW.....KF4DC 144.81 145.41 N
GLASGOW.....W4WZH 146.34 146.94 * AB
GRAYSON.....KF4JO 146.10 146.70 N
GRETHLE.....K4JVF 147.845 147.045 N C
GUTHRIE.....KA4NNE 146.205 146.805 * L
HALLS GAP.....WD8PBR 144.57 145.17 * AL
HARLAN.....W44ZAC 147.69 147.09 N
HAZARD.....K4VHF 146.07 146.67 * B
HENDERSON.....W4WKV 144.89 145.49 D
HENDERSON.....K4DDP 146.37 146.97 D
HIGHLAND HEIGHTS W4YWH 146.19 146.79 *
HIGHLAND HEIGHTS K4CO 147.855 147.255 * PT123.0
HOPKINSVILLE.....W44ZVL 147.63 147.03 N A
INDEPENDENCE.....K4JBV 146.295 146.895 A
IRVINGTON.....WB4WML 146.30 146.90 * AE
LEBANON.....K4755 145.35 * BT151.4
LA GRANGE.....N4RBL 147.99 147.39 * T151.4
LAWRENCEBURG.....K4KPL 144.69 145.29 N A
LEXINGTON.....N4YUU 144.73 145.33 N P
LEXINGTON.....K4CTX 144.85 145.45 N P
LEXINGTON.....K4KJQ 146.16 146.76 D PE
LEXINGTON.....W4AUZ 146.34 146.94 D
LEXINGTON.....W4BFDK 147.615 147.015 N
LEXINGTON.....W44BM 147.765 147.165 D
LITCHFIELD.....K4BKF 147.825 147.225 *
LONDON.....K4CFZH 147.885 147.285 N CT
LOUISVILLE.....WB8PBR 144.63 145.23 * L
LOUISVILLE.....W4BDC 146.10 146.70 * PEL
LOUISVILLE.....W4QAU 146.28 146.88 * P
LOUISVILLE.....W4PUJ 147.63 147.03 * BERPT151.4
LOUISVILLE.....N4NMC 147.67 147.07 * PE
LOUISVILLE.....N4KWT 147.88 147.18 *
LOUISVILLE.....K09Z 147.96 147.36 * A
LYNCH/BLACK MT.....N4NZD 147.945 147.345 N

MARION.....K44FGA 147.705 147.105 N
MARION.....K44FGA 147.885 147.285 N
MAYFIELD.....W4ANAR 147.84 147.24 N
MAYSVILLE.....W4AWMM 144.87 145.47 * P
MAYTOWN.....K4KU 146.28 146.88 * BLR
MIDDLESBORO.....W4PPI 146.175 146.775 N
MONTICELLO.....N4TLK 144.55 145.15 N
MOREHEAD.....K4JVF 144.53 145.13 N CR
MOREHEAD.....K4GFI 146.31 146.91 D
MT. STERLING.....W4AKNE 147.93 147.33 * P
MURRAY.....WB4NTB 146.34 146.94 * A
NICHOLASVILLE.....W4BCWF 144.89 145.49 D PE
OWENSBORO.....N4WAA 147.63 147.03 N
OWENSBORO.....K4WGS 147.675 147.075 * P
OXFORD/LOUISVILLE WDB8PBR 144.63 145.23 * AL
PADUCAH.....K4CUW 146.16 146.76 N
PADUCAH.....W4WQ 147.66 147.06 N
PAINTSVILLE.....K4KU 146.19 146.79 N
PAINTSVILLE.....K4ICN 147.735 147.135 * PL
PHELPS.....K4JAY 147.69 147.09 * R
PIKEVILLE.....K4MIZ 144.55 145.15 D RPE
PIKEVILLE.....K4MIV 146.25 146.85 D
PRESTONSBURG.....W4BAUB 147.765 147.165 D
PRESTONSBURG.....K4AU 147.90 147.30 N ERC
PRINCETON.....W4KBL 146.07 146.67 N
PROVIDENCE.....N4UII 147.93 147.33 N
RABBIT HASH.....W4AOCF 146.355 146.955 N
RADCLIFF.....W4BEJ 146.325 146.925 * ABL41
SALEM.....N4IL 147.915 147.315 P
SHELBYVILLE.....K4EAR 147.60 147.00 * BP
SOMERSET.....N4AI 146.28 146.88 *
SPRINGFIELD.....W4BSJH 147.90 147.30 N A
STANTON.....K4CATU 146.37 146.97 N ARC
UNION CITY (TN).....W4AYGM 146.10 146.70 *
VERSAILLES.....W4AZKK 146.13 146.73 N O
WALTON.....K4CO 147.975 147.375 *
WHITSBURG/PINE MT. W4DPJ 147.99 147.39 N
WILLIAMSBURG.....K44U 146.41 145.21 N
WINCHESTER.....WB4ASZ 147.72 147.12 EP

220 MHZ

ASHLAND.....K4CAQ 222.34 223.94 D
AUGUSTA.....K4AUXD 222.32 223.92 N PC
LEXINGTON.....WB8VM 222.14 223.74
LEXINGTON.....N4YUU 223.34 224.94 N
LOUISVILLE.....K4AMKT 222.70 224.30 N
LOUISVILLE.....K4BAVE 222.82 224.42 * P
LOUISVILLE.....W4MOP 223.22 224.82 N P
PIKEVILLE.....WB4F 222.98 224.58 N
PIKEVILLE.....N4ETG 223.02 224.62 N A
SOMERSET.....N4AI 222.70 224.30 * PR A
SOMERSET.....N4AI 223.28 224.88 * PR A
VERSAILLES.....W4AZKK 222.62 224.22 N PER

440 MHZ

ELIZABETHTOWN.....KE4NS 439.250 421.250 * V
ASHLAND.....K4AMKG 449.925 442.925 N C
ASHLAND.....WB4TAT 449.975 442.975 *
BOWLING GREEN.....25 449.10 444.10 * AC
CORBIN.....WB4IBV 449.90 444.90 * CR
DORTON.....K4JVF 448.25 443.25 N CR
ELIZABETHTOWN.....W4BEJ 448.45 443.45 * ABL
GLASGOW.....W4WZH 449.925 444.925 *
GLASGOW/CVCTY.....KF4DC 449.25 444.25 N
GRETHLE.....K4JVF 449.525 444.525 N
HAWESVILLE.....K4QFL 449.625 444.625 CP
HENDERSON.....N9APA 449.50 444.50 N
HIGHLAND HEIGHTS K4CO 449.35 444.35 * PT123.0
HIGHLAND HEIGHTS W4YWH 449.90 444.90 * C
JENKINS.....K4KWH 449.30 444.30 N P
LA GRANGE.....N4RBL 447.45 442.45 * BCPT151.4
LA GRANGE.....N4RBL 449.40 444.40 *
LATONIA.....K4AXV 447.40 442.40 N
LEWISPORT.....K4KQ 449.55 444.55 * ALR
LEXINGTON.....N4YUU 449.85 444.85 N
LEXINGTON.....WD4JU 449.95 444.95 N
LOUISVILLE.....N4ORL 447.00 442.00 N RP
LOUISVILLE.....K4KWT 447.225 442.225 N
LOUISVILLE.....W4MFL 447.50 442.50 *
LOUISVILLE.....K4BY 447.75 442.75 N CT
LOUISVILLE.....WD9EQ 449.45 444.45 N
LOUISVILLE.....K4AWT 449.10 444.10 * BT173.8
LOUISVILLE.....WB4ZD 449.30 444.30 D
LOUISVILLE.....W4MOP 449.50 444.50 N P
LOUISVILLE.....N4NMC 449.60 444.60 * BEP
LOUISVILLE.....W4AUN 449.70 444.70 N
LYNCH/BLACK MT.....N4NZD 448.10 443.10 N
MAYTOWN.....N4L 449.20 444.20 N P
MAYTOWN.....WB4UB 449.50 444.50 N
NICHOLASVILLE.....W4BCWF 449.975 444.975 N CR
OAK LEVEL.....N4ZE 449.20 444.20 * T173.8
OWENSBORO.....W4BAOH 449.25 442.25 N V
PHELPS.....N4MIV 449.575 444.575 N
SALEM.....W4AQ 449.825 444.825 *
SPRINGFIELD.....W4SJV 444.60 449.60 N
STANTON.....N4VCS 447.075 442.075 N CRP
UNION.....K4COV 449.175 444.175 * AR

2 METERS

CHATAWAY.....WB5GQJ 144.71 145.31 * PR
NEW ALBANY.....N5CAX 146.07 146.67 N AB
ABERDEEN.....WB5USN 147.87 147.27 N A
ACKERMAN.....N05N 147.72 147.12 N
AMORY.....KB5DWX 146.34 146.94 N A
AMORY.....KB5DSN 147.69 147.09 N
BAY ST. LOUIS.....K5GY 146.10 146.70 N
BAY ST. LOUIS.....K5VNO 146.85 146.25 N
BLOXI.....KCSIF 146.13 146.73 * APER
BLOXI.....K5TYP 146.19 146.79 D AB
BOONEVILLE.....WB5UVT 144.59 145.19 N AB
BUDE.....K5JMD 146.25 146.85 N
CLEVELAND.....KB5WW 146.25 146.85 N
CLINTON.....AA5JC 147.945 147.345 N PR
COLUMBIA.....KB5EZN 147.885 147.285 N
COLUMBUS.....KASLUV 146.83 146.43 N
COLUMBUS.....N5NKZ 147.60 147.00 N A
CORINTH.....WB5VOJ 146.325 146.925 N
CORINTH.....K5UFH 146.40 147.00 N
D'IBERVILLE.....KCSIF 144.81 145.41 * APER
ELLISVILLE.....N5DWU 147.465 146.865 D PLT
ESCATAWPA.....W5OKA 147.825 147.225 N L
FLETCHER.....N5GJ 146.89 146.29 N
GREENVILLE.....W4SBA 148.22 148.82 N
GREENWOOD.....K4STQY 146.115 146.715 N
GRENADA.....WB5LVA 146.10 146.70 N
GULFPORT.....K45CYR 144.73 145.33 * ABE
GULFPORT.....K45VFU 147.975 147.375 * L
HATTIESBURG.....K45NIX 144.77 145.37 N
HATTIESBURG.....W5CJR 147.96 147.36 *
HERNANDO.....K5V 146.31 146.91 N A
HORN LAKE.....N5GJ 146.87 146.27 N A
INVERNESS.....W4SUDQ 147.78 147.18 N
ISOLA.....K5C0B 146.355 146.955 D
IUKA.....WB5MFK 146.25 146.85 N A
JACKSON.....KF5PS 146.04 146.64 N E
JACKSON.....W5AXQ 146.16 146.76 N
JACKSON.....KB5HAV 146.28 146.88 N ABE
JACKSON.....K45SBK 146.34 146.94 N BET100.0
JACKSON.....NCSY 147.675 147.075 N AT
JACINITO.....WB5HKK 147.75 147.15 N A
KOSCIUSKO.....W5LWC 146.25 146.85 N
LAUREL.....N5KKG 146.01 146.61 * A
LAUREL.....W5D0 146.43 147.03 D
LAUREL.....K5CRC 147.855 147.255 N
LOUISVILLE.....KB5PK 147.96 147.36 A
LOUISVILLE.....K5EBA 146.22 146.82 N FLC
MAGEE.....KASLNY 147.90 147.30 D P
MCCOMB.....K5JMD 146.34 146.94 N A
MCHENRY.....K45CYR 147.93 147.33 * B
MERIDENHALL.....W5HJE 144.51 145.11 * O
MERIDIAN.....K5DEY 146.10 146.70 * A
MERIDIAN.....K45JM 146.37 146.97 N RP
MONTICELLO.....N5JHK 147.615 147.015 N PR
MONTICELLO.....W5HJE 146.04 146.64 N
NATCHEZ.....W5KHB 146.05 146.65 *
NATCHEZ.....K5OCM 146.31 146.91 D A
NATCHEZ.....K5VCV 147.96 147.36 N
NEW HEBRON.....N5MSR 147.69 147.09 N AEATLRB
OCEAN SPRINGS.....W5LSD 146.73 147.03 * AB
OLIVE BRANCH.....K45WMH 144.75 145.35 N C
PASCAGOULA.....N5AAY 146.28 146.88 N A
PASCAGOULA.....K5KYB 146.37 146.97 D
PEARL.....N5I 147.75 147.15 N
PETAL.....N5LRQ 147.735 147.135 N
PHILADELPHIA.....N5EPP 147.93 147.33 *
PICAYUNE.....K5LFP 144.55 145.15 D A
PONTOTOC.....WB5NAY 147.98 147.38 N
POPLARVILLE.....W45WRE 144.61 145.21 N OA
PORT GIBSON.....K5EWO 146.025 146.625 N
PRENTISS.....WB5UNA 147.99 147.39 D
RIGHTON.....N5OCF 147.66 147.06 *
SENATOBIA.....KB5MDT 146.385 146.985 N
SOUTHAVEN.....N5PYQ 144.77 145.37 N O
STARKVILLE.....W5VFZ 146.13 146.73 *
TUPELO.....A1SR 147.84 147.24 N A
VICKSBURG.....WJUL 144.69 145.29 N
VICKSBURG.....WB5SKX 147.87 147.27 N
WARSAW.....N4DR 147.825 147.225 *
WATER VALLEY.....W5BXK 146.40 146.00 D
WYNESBORO.....N5HKG 147.705 147.105 N PR
WEST POINT.....K05S 146.19 146.79 N A
WIGGINS.....KB5DZ 144.67 145.27 * ABL
WINONA.....N4DHS 146.37 146.97 N

220 MHZ

ACKERMAN.....N5MD 223.18 224.78 N
ACKERMAN.....N5MD 223.22 224.82 N
BAY ST. LOUIS.....K5GY 223.10 224.70 N
BAY ST. LOUIS.....K0VNO 223.28 224.88 N
BLOXI.....K45CQ 223.40 224.50 N
ELLISVILLE.....N5DWU 223.80 224.40 D PL
GLEN.....K45RPB 222.92 224.52 D
PASCAGOULA.....K5KYB 222.72 224.32 D PR
PONTOTOC.....KE5ST 223.20 224.90 N

440 MHZ

ACKERMAN.....N5MD 448.65 443.65 N
ACKERMAN.....N5MD 449.90 444.90 N
AMORY.....KB5DSN 449.825 444.825 N
CLERMONT HARBOR W5BJT 445.15 444.15 N AL
ELLISVILLE.....N5DWU 448.40 443.40 D AE
GULFPORT.....K45CYR 449.25 444.25 ABE
JACKSON.....K45WRX 449.00 444.00 N
JACKSON.....KB5LCL 449.45 444.45 N T141.3

This SERA Official
Repeater Index Reflects
Changes thru January 27, 1992

MISSISSIPPI REPEATERS

10 METERS

POPLARVILLE.....W45WRE 29.52 29.62 N

MORE MISSISSIPPI REPEATERS

JACKSON.....	KB5CO	449.60	444.60	N	PT
JACKSON.....	NC5Y	449.70	440.70	N	
JACKSON.....	KB5CO	449.80	444.80	N	
JACKSON.....	KA4GAD	449.975	444.975	N	
LAUREL.....	AJX	448.50	443.50	* ABER	
MURKINRALL.....	KSHYE	448.60	443.60	* B	
MERIDIAN.....	W5WUX	449.10	440.10	N	PEL
MERIDIAN.....	KB5LTW	449.40	444.40	D	BER
NATCHEZ.....	NSIAI	448.80	443.80	D	A
NEW ALBANY.....	WB5YCR	449.15	444.15	N	O
NEW HEBRON.....	NSMRS	449.525	444.525	N	A
POPTOTOC.....	KE5ST	449.65	444.65	N	
POINTARVILLE.....	NC4CF	449.65	444.65	N	
RICHMOND.....	WB5FRC	449.625	444.625	* RP	
RICHTON.....	NSPYQ	449.925	444.925	N	
STARVILLE.....	W5VZF	449.75	444.75	* PR	
VICKSBURG.....	WB5TTE	449.925	444.925	N	PR

NORTH CAROLINA REPEATERS

10 METERS

NEWPORT.....	K4GRW	29.56	29.66	N	PL
WILKESBORO.....	KC4XE	29.52	29.62	* L	

6 METERS

GRANDFATHER MTN	WA4PWX	52.05	53.05	* RL	
MARS HILL.....	WB4PLA	52.09	53.09	* CP	
NEWPORT.....	K4GRW	52.01	53.01	N	PR
RALEIGH.....	WA4PEN	52.03	53.03	* O	
RALEIGH/BUTNER.....	WB4RZF	52.25	53.25	N	C
SAURATOWN MT.....	N4QLX	52.21	53.21	N	
STATESVILLE.....	WA4WRS	52.67	53.67	* C	
THOMASVILLE.....	K4AZA	52.525	53.525	* RB	

2 METERS

AHOSKIE.....	WB4YNF	144.53	145.13	* A	
AHOSKIE.....	WA4ZQG	146.31	146.91	* P	
ALBEMARLE.....	K4QGB	146.385	146.985	* A	
ANDREWS/ROBBINS	VK4AIIH	146.445	147.045	* BELP	
AQUADALE.....	WA4CHZ	147.99	147.39	* P	
ASHEBORO.....	K4MAV	147.855	147.255	* PL	
ASHEVILLE.....	WA4QCO	146.385	146.835	N	
ASHEVILLE.....	N4UGS	147.825	147.225	A	
ASHVILMT PISGAH.....	WA4BWW	146.16	146.76	* T151.4	
ASHVIL/PIVEY MT.....	WA4MOE	146.31	146.91	* A	
BAKERSVILLE.....	K4CWP	144.71	145.31	* ABE	
BEULAVILLE.....	N4VBH	146.63	145.23	* A	
BOONE/RICH MTN.....	WA4KDB	147.96	147.36	* A	
BREVAR.....	K4GBH	147.735	147.135	* P	
BURGAW.....	W4DLH	146.34	146.94	* A	
BURLINGTON.....	WA4YGD	146.07	146.67	* A	
BURLINGTON.....	WA4HBQ	147.875	147.075	N	E
BURNSVILLE.....	N4N	147.975	147.375	N	A
CARTHAGE.....	W4NWK	147.84	147.24	* PK	
CHARLOTTE.....	WB4FB	144.63	145.23	D	A
CHARLOTTE.....	WB4FB	144.69	145.29	D	A
CHARLOTTE.....	WA4AOS	144.75	145.35	N	L
CHARLOTTE.....	WB4FB	146.34	146.94	N	A
CHARLOTTE.....	W4CQ	146.46	147.06	* A	
CHARLOTTE.....	W04PLV	147.99	147.39	N	P
CERRY MT.....	WA4BKU	146.07	146.67	* A	
CERRYVILLE.....	K4JTX	144.55	145.15	* O	
COLUMBIA.....	W4NWK	146.19	146.79	N	A
COLUMBIA.....	KB4TOH	146.51	145.11	N	ABEL
CONCORD/KANNAP.....	K4CEB	146.055	146.655	* PB	
CROWDERS MT/GAST	W04PLV	144.85	145.45	D	A
DUNN.....	N4CID	146.10	146.70	* P	
DURHAM.....	WA4WTX	144.85	145.45	D	AL
DURHAM.....	WA4BFT	146.34	146.94	N	A
DURHAM.....	W04LDB	147.96	147.36	* A	
EDEN/STONEVILLE	WA4QGB	147.99	147.39	* A	
ELIZABETH CITY.....	WA4VTX	146.055	146.655	N	A
FAYETTEVILLE.....	N4EYG	146.205	146.805	D	
FAYETTEVILLE.....	WB4ELR	146.45	147.05	N	Y
FAYVILLE/CFARS.....	WB4YZF	146.31	146.91	* P	
FAYVILLE/PT BRAGW	W4LPL	147.93	147.33	* A	
FOREST CITY.....	K4PBG	147.84	147.24	* AT123.0	
FRANKLIN.....	W4ZCZ	144.89	145.49	N	
GASTONVILLE.....	W4GHZ	147.84	147.24	* T151.4	
GAST/SPCR MT.....	W4REW	147.72	147.12	* A	
GASTONIA.....	N0IZF	146.205	146.805	* ABERL	
GIBSONVILLE.....	AC4DZ	144.89	145.49	* AT013.5	
GOLDSBORO.....	K4CYP	146.25	146.85	* PT	
GOLDSBORO.....	N4GGO	144.85	145.45	D	EL
GREENSBORO.....	K4GDD	144.69	145.29	N	A
GREENSBORO.....	K4SNI	146.01	146.61	* A	
GREENSBORO.....	N4GDD	146.16	146.76	D	AER
GREENSBORO.....	W4GG	147.63	147.03	* PL	
GREENSBORO.....	W4BUZ	147.81	147.21	N	B
GREENVILLE.....	W04JPQ	144.75	145.35	* ABEL	
GREENVILLE.....	K4RQK	147.975	147.375	N	A
GREENVLE/ESTN	NC4WGD	147.69	147.09	* A	
GRIFFON.....	W4NBR	146.085	146.685	* A	
HENDERSONVILLE.....	WB4YAO	146.04	146.64	N	L
HENDSVL/BERWIL	W4KLR	146.45	147.05	N	A
HENDSVL/PENICMT	W4KAW	147.855	147.255	* A	
HICKORY/BRT. MT.....	WA4MDW	146.25	146.85	* A	
HIGH POINT.....	N4XO	144.81	145.41	* A	
HIGH POINT.....	N4NNR	147.435	146.835	* PL	
HIGH POINT.....	WA4RIS	147.765	147.165	D	P
HILLSBOROUGH.....	WA4WTX	147.825	147.225	D	AL
JACKSONVILLE.....	WA4WGA	144.59	145.19	* B	
JACKSONVILLE.....	W04FVO	146.40	147.00	* AE	

JEFFERSON.....	W4YJG	147.90	147.30	* A	
KINSTON.....	W4OIX	144.87	145.47	* A	
LAURINBURG.....	K4IAR	146.025	146.625	* PE	
LENOIR.....	N4NIN	147.795	147.195	* A	
LENOIR/HIBRITN.....	N4JH	147.93	147.33	* A	
LEXINGTON.....	W04ICX	144.71	145.31	* AE	
LEXINGTON.....	K4IEM	146.31	146.91	* AE	
LK NORMN/CLT.....	WB4KPF	147.615	147.015	N	P
LUMBERTON.....	K4SAS	147.96	147.36	* P	
MACO.....	W4ALED	147.66	147.06	* P	
MADISON.....	K4AYFE	146.295	146.895	D	A
MAGGIE VALLEY.....	W4WY	147.405	146.805	N	A
MANTEQ/WANCHESW	W4CY	146.34	146.94	* A	
MARION.....	W04PVE	146.385	146.985	N	A
MIDWAY.....	W4MII	144.71	145.31	* A	
MILLERS CREEK.....	N4GNG	146.115	146.715	* A	
MONROE.....	K4JCK	147.705	147.105	D	A
MONROE/UCARS.....	KF4NJ	144.79	145.39	* P	
MORGANTON.....	K4VLY	147.75	147.15	* A	
MOUNTAIN HOME.....	K4GHH	147.705	147.105	* A	
MT AIRY.....	N4XRY	146.34	146.94	* A	
MT AIRY.....	N4XRY	146.37	146.97	* A	
MT MITCHELL.....	W4ABVV	144.59	145.19	* A	
MT AIRY.....	KD4J	144.73	145.33	* A	
MURPHY.....	KC4WB	147.795	147.195	N	A
MURPHY/STALCUP.....	K4FOY	147.465	146.865	* A	
N. WILKESBORO.....	N4AGN	144.77	145.37	* P	
NAGS HEAD/BODIE.....	K4UOR	146.235	146.835	* PE	
NEW BERN.....	W04JMS	146.01	146.61	D	AL
NEWPORT.....	K4GRW	144.85	145.45	N	ALO
NEWTON.....	AG4L	147.675	147.075	* AER	
NEWTON/ANDSN	MTW4ZB	144.57	145.17	* A	
OXFORD.....	K4ARVS	144.57	145.17	N	P
OXFORD.....	W4MII	144.73	145.37	* A	
RALEIGH.....	N4BOF	144.67	145.27	* N	
RALEIGH.....	K4BWC	144.89	145.49	* BL	
RALEIGH.....	W4DW	146.04	146.64	D	PE
RALEIGH.....	K4BWC	146.13	146.73	* PB	
RALEIGH.....	WB4TQD	146.28	146.88	* L	
RALEIGH.....	WB4TQD	147.75	147.15	* P	
RALEIGH BENSON.....	AK4H	147.87	147.27	* P	
RANDLEMAN/GBD.....	W04DCM	144.55	145.15	* L	
RED SPRINGS.....	W4M2P	147.90	147.30	* P	
REDSVILLE.....	W4MII	144.73	145.33	* A	
ROANOKE RAPIDS.....	W4ADTS	147.63	147.03	* P	
ROARING GAP.....	WB4PZA	146.22	146.82	* O	
ROCKINGHAM.....	K4PTB	146.355	146.955	* ABE	
ROCKY MOUNT.....	W4NZ	147.72	147.12	* PE	
SALISBURY.....	W4EXU	146.13	146.73	* ELR	
SANFORD.....	WB4EJ	147.78	147.18	D	A
SAURATOWN MT.....	W4RXC	144.51	145.11	D	Y
SAURATOWN MT.....	W4NC	144.87	145.47	* A	
SAURATOWN MT.....	N4QDK	146.1	146.7	* A	
SAURATOWN MT.....	W4JH	147.915	147.315	* BP	
SELMA.....	K4KYP	147.615	147.015	* C BEP	
SHALLOTTE.....	K4PPD	144.77	145.37	* PE	
SHALLOTTE.....	K4PPD	147.915	147.315	E	
SHALLOTTE.....	N4FAU	147.99	147.39	* PE	
SHELBY.....	W4NRY	146.28	146.88	D	A
SHELBY.....	W4NRY	147.945	147.345	D	A
SMITHFIELD.....	KD4J	146.37	146.97	* A	
SMITHFIELD.....	W4ZC	147.99	147.39	* ABE	
SOUTH PORT.....	K4YJH	146.15	146.75	* A	
SOUTH/GREEN MT.....	W4JH	147.915	147.315	N	L
SPRING LAKE.....	WB4KDC	146.115	146.715	N	A
STATESVILLE.....	K4BQ	146.085	146.685	* PE	
STATSVJ/ASBRY	MTK4BOP	147.645	147.045	* Y	
SWANBORO.....	K04S	146.16	146.76	* A	
TABOR CITY.....	W4DCD	147.975	147.375	N	ALR
THOMASVILLE.....	K4AZA	146.40	147.00	* LA	
#TOBACCOVILLE.....	K4SERA	146.52	146.52	N	EXAMPLE
TRENTON.....	WB4TQD	144.61	145.21	* A	
TRYON/MELORE	MTWB4SKFI	147.18	147.18	N	C
TUCKAEGE.....	W0BWM	147.90	147.30	N	A
WADESBORO.....	W4USH	146.265	146.865	* A	
WASHINGTON.....	W4ATEP	147.945	147.345	N	A
WAXHAW.....	W4AZRS	147.465	146.865	* P	
WAYNESVILLE.....	N4SM	147.87	147.27	* A	
WHITEVILLE.....	K4MSD	147.81	147.21	* AL	
WILLIAMSTON.....	K4KNU	144.81	145.41	* A	
WILMINGTON.....	W4VNK	146.13	146.73	* AB	
WILMINGTON.....	K4GMP	146.22	146.82	* BL	
WILMINGTON.....	N4CTJ	147.78	147.18	N	A
WILSON.....	WB4THL	146.16	146.76	* A	
WILSON/SALEM.....	W4NWK	146.04	146.64	* A	
YADKINVILLE.....	N4YKY	146.415	147.015	* A	
YAUPON BEACH.....	W4RPC	146.07	146.67	* A	

220 MHZ

ANDREWS/ROBBINS	VK4AIIH	223.28	224.88	* TL	
ASHEVILLE.....	NC4N	223.00	224.60	* A	
ASHVILMT PISGAH.....	WA4BWW	222.66	224.26	* A	
BURNSVILLE.....	N4TFU	223.14	224.74	* BL	
CANTON.....	N4DWU	223.22	224.82	* P	
CHARLOTTE.....	WB4FB	222.80	224.40	D	A
CHERRYVILLE.....	K4JTX	223.36	224.96	* O	
EDEN.....	WA4WGY	223.18	224.78	* ABER	
FAYETTEVILLE.....	W4EFT	222.42	224.02	D	L
FAYETTEVILLE.....	W4EFT	222.36	223.96	* A	
GOLDSBORO.....	WB3JW	223.22	224.82	N	ELPT156.7
GREENSBORO.....	WB4WOR	224.54	226.14	D	K
GREENSBORO.....	NC4THS	223.22	224.82	* R	
GRIFFON.....	W4AODN	223.24	224.84	* L	
HENDERSONVILLE.....	N4AUS	223.36	224.96	* A	
HENDSVL/BERWIL	W4KAW	223.64	224.24	* A	
HIGH POINT.....	N4NNR	223.00	224.60	* AL	
HILLSBOROUGH.....	WA4WTX	223.34	224.94	D	L

JACKSONVILLE.....	WA4WGA	222.72	224.32	* C	
LENOIR/HIBRITN.....	KN4K	222.56	224.16	*	
LINWOOD.....	K4AHUJ	222.38	223.98	N	L
LK NORMN/CLT.....	WB4KPF	223.08	224.68	N	L
LOCUST.....	W4JLA	222.88	224.48	* PL	
MARS HILL.....	WB4PLA	223.06	224.66	*	
MARSHALL.....	K4ATYO	222.76	224.36	N L	
MORGANTON.....	WB4PML	223.20	224.80	*	
MT MITCHELL.....	WA4BWW	222.94	224.54	*	
RALEIGH.....	WA4PEN	223.04	224.64	* O PL	
ROCKY MOUNT.....	NF4C	222.62	224.22	* AR	
SALISBURY.....	W4EXU	223.16	224.76	*	
SAURATOWN MT.....	WA4YHH	222.98	224.58	*	
SAURATOWN MT.....	W4RXG	223.28	224.88	D OY	
SAURATOWN MT.....	W4RXG	223.28	224.88	D O	
SAURATOWN MT.....	WA4WTB	223.36	224.96	*	
SHELBY.....	KC4ZTJ	222.86	224.46	N	
SPINDALE.....	KC4IEV	222.84	224.44	* CT146.3	
STATESVILLE.....	WA4PVI	223.06	224.66	N	
SUNESBORO.....	AC4M	223.06	224.66	*	
THOMASVILLE.....	K4AZA	222.94	224.54	* LA	
WILMINGTON.....	K4YNU	222.90	224.50	N LR	
WINSTON-SALEM.....	WA4YHH	223.04	224.64	* RP	

MORE SOUTH CAROLINA REPEATERS

AWENDAW	K4LWS	147.90	147.30	N	PT103.5
AWENDAW	N4DRY	147.85	147.345	N	BT103.5
BARBERG	W4ADF	144.73	145.33		
BARNWELL	W4AFOF	147.63	147.03	*	B
BEAUFORT	KB4GY	144.71	145.31		
BIG KNOB/GREY CT	BA4B	146.265	146.865	N	
CHARLESTON	WB4URP	144.65	145.25	N	
CHARLESTON	K4ILT	146.16	146.76	N	P
CHARLESTON	K4ILT	146.16	146.79	N	
CHARLESTON	WB4LET	147.81	147.27	*	PL
CHERAW	K4AABW	147.735	147.135	N	AE
CHESTER	AC4AP	146.025	146.825	N	
COLUMBIA	K4AGYM	144.67	145.27	*	BLT
COLUMBIA	K4CALB	144.83	145.43	N	P
COLUMBIA	WB4NEP	146.115	146.715	N	P
COLUMBIA	K4AGYM	146.175	146.775	*	BPT
COLUMBIA	N4NUY	147.93	147.33	N	
COLUMBIA	N4MEY	147.96	147.36	N	L
CONWAY	WD4JMT	144.51	145.11		
DILLON/PEE DEE	NN4N	146.145	146.745		
DORCHESTER	W4NAT	147.78	147.18	D	
FLORENCE	W4ULH	146.25	146.85	*	A
FLORENCE	W4AISM	146.37	146.97	*	A
FT MILL/CAROWND	AA4SC	147.78	147.18	D	
GAFFNEY	K4NRG	144.87	145.47	*	B
GASTON	WB4NEP	146.81	145.21	N	P
GEORGETOWN	W4QOC	147.975	147.375	N	
GREENVILLE	W4IQG	146.34	146.94	*	
GREENVILLE	K4LEO	147.975	147.375	*	
GREENWOOD	K4VIA	147.785	147.185	*	P
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	*	
GRNVLE/PARIS MT	W4NYK	146.22	146.82	*	P
HILTON HEAD	W4ILN	147.84	147.24		
INMAN	WB4XOE	144.55	145.15	D	P
LANCASTER	W4PAX	146.10	146.70	*	
LANCASTER	K4AAC	147.84	147.24	*	
LEXINGTON	K4AFEC	147.99	147.39	*	B
LITTLE MT	K4AVU	147.81	147.21	N	
MARION	W4YLT	146.40	147.00	N	E
MONCK'S CORNER	KA4BUM	147.75	147.15	N	
MYB BCH/BRKSVL	W4DCD	147.885	147.285	N	AL
MYRTLE BEACH	WB4DRI	144.77	145.37	N	T
MYRTLE BEACH	WD4JMT	147.72	147.12	E	
N. AUGUSTA	W4DV	144.85	145.45	N	P
N. AUGUSTA	K4FKJ	146.13	146.73	*	
N. CHARLESTON	K4APPL	147.60	147.00	*	
N. MYRTLE BEACH	K4HOG	147.63	147.03	*	B
N. SPARTANBURG	N4U2T	147.915	147.315	*	ABT14.3
NEWBERY	KB4CO	146.085	146.685	N	
ORANBURG	N4BYC	146.205	146.805	N	
ORANBURG	K4CAWF	146.28	146.88	*	ABL
ORANBURG	KM4RP	147.69	147.09	N	
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	*	A
ROCK HILL	AA4PF	144.71	145.31	N	PL
ROCK HILL	K4YTZ	146.43	147.03	D	P
SANTÉE	W4DWT	147.825	147.225	N	A
SENECA/LONG MT	W44JRJ	147.87	147.27	N	P
SIMPSONVILLE	WB4SLY	146.13	146.73		
SIMPSONVILLE	W44SDT	147.75	147.15	N	Y
SPARTANBURG	K4JLA	147.69	147.09	D	
ST. MATTHEWS	AD4U	146.07	146.67	*	ABL
SUMMERTON	N4LWY	144.55	145.15	*	P
SUMTER	WB4KIV	144.53	145.13	N	
SUMTER	WB4KIV	146.04	146.64	N	
SUMTER	W44JMU	147.615	147.015	N	P
SUMTER/SHAW	W4VFR	147.86	147.06	N	
WHITE OAK	W4BWMZ	146.31	146.91	N	B
WHITE OAK MTN	WD4MZW	147.885	147.285	D	

220 MHZ

AIKEN	W4TUN	224.36	224.96	D	TA
CHARLESTON	K4ANRL	223.04	224.64	N	BP
COLUMBIA	K4RWV	222.58	224.18	N	
COLUMBIA	W4X4M	222.58	224.18	N	BP
COLUMBIA	N4EOY	223.30	224.90	N	LR
CROSS	KB4VFD	222.98	224.58	*	CA
FLORENCE	N4JZ	223.34	224.94	N	BP
GREENVILLE	W4ILY	222.60	224.20	N	A

LITTLE MTN	K4RWV	222.92	224.52	N	BP
ORANBURG	WB4TKG	223.18	224.78	N	BP
PICKENS	WB4QHF	222.80	224.40	*	BP
PICKENS/CSRS HD	WB4QHF	222.54	224.14	*	LR
PICKENS/SASFR	MTK4JX	222.72	224.32	*	B
RDG/VILLE	N4CII	222.50	224.10	D	
ROPER MT/GRNVL	W4NYK	223.32	224.92	*	
SUMTER	K4CIV	223.26	224.86	*	
SUMTER/SHAW	W4VFR	223.06	224.66	*	
WEST SPRINGS	KT4G	222.84	224.44	N	C BP

440 MHZ

AIKEN	W4TUN	448.40	443.40	D	TA
ANDERSON/SAS	MTW4DBUH	449.925	444.925	D	
CHARLESTON	N4MNH	449.30	444.30	*	A
COLUMBIA	K4EOY	442.075	447.075	*	BLT
COLUMBIA	N4MEY	448.00	443.00	N	LR
COLUMBIA	K4CIV	448.50	443.50	*	T156.7
COLUMBIA	K4CIV	449.20	444.20	*	T156.7
CROSS	KB4VFD	447.30	442.30	*	CA
GREENVILLE	KB4POA	447.25	442.25	*	RP
GRNVLE/PARIS MT	ND4N	448.10	443.10	D	P
LEXINGTON	N4GUP	439.25	421.25	*	V
MYB BCH/BRKSVL	W4DCD	449.525	444.525	N	ALR
PICKENS/CSRS HD	WB4QHF	447.40	442.40	*	
SUMMERTON	W4AHNK	448.80	443.80	*	EP
SUMTER	W4JMU	439.25	421.25	*	N
SUMTER	K4GYV	449.50	444.50	N	P
MEMPHIS	N4MW	304.215	BEACON	*	
MEMPHIS	N4MW	456.04	BEACON	*	

TENNESSEE REPEATERS

10 METERS

GREENVILLE	WB4NKM	29.54	29.64	*	
JACKSON	NQ4AW	29.54	29.64	N	C
MEMPHIS/FISHERVILLE	N4DRL	29.58	29.68	*	ALR
MEMPHIS	N4MW	28.25	BEACON	*	
MEMPHIS	W4ZJN	29.52	29.62	*	
NASHVILLE	WB4BZU	29.64	29.74	N	TLO
UNION CITY	W4AYGM	29.56	29.66	*	O

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	W4AUCE	52.19	53.19	N	
GALLATIN	WB4KWP	52.45	53.45	N	L
GREENEVILLE	WB4NMK	52.01	53.01	*	
GUTHRIE (TN/KY)	K4AZKL	52.23	53.23	N	
KNOXVILLE	W4AYON	52.25	53.25	*	
KNOXVILLE	WB4BIB	52.35	53.35	*	O
KNOXVILLE/ENG MT	W4ABIG	52.15	53.15	*	A
MEMPHIS/FISHERVILLE	N4DRL	52.27	53.27	*	
MEMPHIS	N4MW	50.07	BEACON	*	
MEMPHIS	W4AKOG	52.01	53.01	D	
MEMPHIS	K4RDL	52.55	53.55	N	
MORRISTOWN	K4DLP	52.23	53.23	*	
NASHVILLE	N4ARK	52.525	145.21	*	BR

2 METERS

ALAMO	WB4EDNI	147.735	147.135	*	
ATHENS	N4SIR	144.71	145.31	*	
BENTON	W4ASR	144.79	145.39	N	T
BLOUNTVILLE	W4AKMG	147.60	147.00	B	
BLUFF CITY	K4AZTK	147.885	147.285	*	BE
BRISTOL	WB4DKI	146.07	146.67	*	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN	MTK4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43	N	PL
BROWNSVILLE	K4BIV	146.055	146.655	AB	
CARTHAGE	N4HAT	144.59	145.19	*	P
CHATT/SIGNAL MT	W4AM	146.055	146.655	D	
CHATTANOOGA	K4CMY	144.53	145.13	N	
CHATTANOOGA	K4VCM	144.69	145.29	D	
CHATTANOOGA	W44M	144.79	145.39	D	A
CHATTANOOGA	K4CMY	146.01	146.61	D	
CHATTANOOGA	W44M	146.19	146.79	D	A
CLARKSVILLE	W4DSGA	147.60	147.00	N	
CLARKSVILLE	K4ASR	144.79	145.39	A	
CLEVELAND	W4GZG	146.31	146.91	A	
COLLEGE DALE	KE4OS	147.60	147.00	*	P
COLLIERVILLE	KB4YQ	147.63	147.03	N	
COLUMBIA	W44ZYX	147.72	147.12	*	AB
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	W4AUCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	*	ALR
COVINGTON	W4AKG	144.85	145.45	D	PR
COVINGTON	W44VXW	147.93	147.33	N	PL
CRAB ORCHARD	K4AQY	146.04	146.64	*	C
CUMBERLAND CITY	WD4DBJ	144.73	145.33	*	
DAYTON/RHEA	CTYK4PRT	147.99	147.39	*	B
DECATUR-PONE	KBW4RJC	144.55	145.15	*	
DOVER	N4VH	144.81	145.41	N	
DYERSBURG	WB4RCK	146.145	146.745	N	
EASTVIEW	W44VXW	144.79	145.39	D	PR
ERWIN	WB4BRV	144.65	145.25	N	AL
FAYETTEVILLE	K4QG	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	BP
FISHERVILLE	N4DRL	144.65	145.25	*	ABEL
FRANKLIN	K4K4Y	146.385	146.985	D	
FRUITLAND	NU50	147.915	147.315	D	
GALLATIN	M4SSB	144.53	145.13	*	PR
GALLATIN	WD4BKY	147.84	147.24	L	
GALLATIN	W4AYQC	147.87	147.27	*	PL

GERMANTOWN.....	K4A4TI	147.69	147.09	N	
GRAY.....	WD4SBX	144.51	145.11	*	
GRAY/HOLSTON MTW4D	SBX	147.81	147.21	*	TI03.5
GREENBRIER.....	WQ4E	146.22	146.82	N	PR
GREENBRIER.....	WQ4E	147.675	147.075	N	B
GREENEVILLE.....	K4EPC	144.79	145.39	*	
GREENEVILLE.....	WB4NMK	144.81	145.41	*	
GRNVLE/VIKING MT	K4BQ	147.66	147.06	*	R
GTB/CQVE MTN.....	W44KH	146.25	146.85	N	LE
GUTHRIE (TN/KY).....	K4ANE	146.205	146.805	N	A
HEISKILL.....	WB4KUD	146.10	146.70	*	AB
HENDERSON.....	K4TC	147.705	147.105	*	PE
HENDERSONVILLE.....	WB4WZK	144.67	145.27	*	PT
HENDERSONVILLE.....	K4UVH	147.945	147.345	N	
HOHENWALD.....	KE4KO	144.85	145.45	D	
HUMBOLDT.....	NQ4Y	144.75	145.35	N	AL
JACKSON.....	WB7BOX	144.51	145.11	N	AL
JACKSON.....	K4JW	144.71	145.31	N	A
JACKSON.....	W4AKWZ	147.81	147.21	N	A
JAMESTOWN.....	K4NLP	147.69	147.09	*	
JASPER.....	K4DXK	144.59	145.19	*	A
JOHNSON CITY.....	WB4SQC	144.69	145.29	D	P
JOHNSON CITY.....	W4ABR	146.19	146.79	N	A
JOHNSON CITY.....	KE4FH	147.87	147.27	N	A
KNOXSPRT/BAYS MT.....	W4TRC	146.37	146.97	N	BP
KNOXVILLE.....	W4BGB	144.51	145.11	*	NO
KNOXVILLE.....	WB4GBI	144.57	145.17	*	
KNOXVILLE.....	W4BBB	144.61	145.21	D	A
KNOXVILLE.....	W4ATEM	144.73	145.33	*	AR
KNOXVILLE.....	N4GRC	144.77	145.37	*	
KNOXVILLE.....	N4JUA	144.83	145.43	N	
KNOXVILLE.....	WB4GBI	144.87	145.47	*	
KNOXVILLE.....	WB4GBI	146.025	146.625	*	
KNOXVILLE.....	WB4GBI	146.34	146.94	*	
KNOXVILLE.....	K4AAZQ	146.40	147.00	*	BT100.0
KNOXVILLE.....	WB4GBI	147.675	147.075	A	
KNOXVILLE.....	W4BBB	147.90	147.30	D	
KNXVL/ENG MT.....	W4BIOB	146.13	146.73	*	
LAFAYETTE.....	K4OEC	144.71	145.31	*	ET
LAFOLETTE.....	K4A4AK	144.53	145.13	N	A
LAFOLETTE.....	K4A4AK	147.81	147.21	N	A
LAFOLETTE/WMT.....	K4BGW	146.07	146.67	N	
LAKE CITY.....	WB4OAH	146.22	146.82	D	A
LAVERNE.....	K4MRA	144.63	145.23	N	
LEBANON.....	WB4DOR	144.79	145.39	N	
LEBANON.....	W44JVJ	147.615	147.015	N	
LENOIR CITY.....	KB4P10	146.085	146.685	N	P
LEXINGTON.....	W4DMVR	146.43	147.03	N	A
WANCHESTER.....	W4BGB	146.34	146.94	*	A
MARTIN.....	W4A2QX	146.025	146.625	N	
MAYNARDVILLE.....	KB4KIE	144.63	145.23	N	E
MCINNISVILLE.....	WB4MQWJ	146.37	146.97	D	P
MCINNISV/SHT MT.....	W4AKKO	144.89	145.49	D	
MCINRY.....	N4USO	147.675	147.075	D	
MEDINA.....	K4BEZ	146.37	146.97	N	AB
MEDINA/HERVILLE.....	K4BGL	144.53	145.13	*	ABL
MEMPHIS.....	W4BGB	144.55	145.15	N	
MEMPHIS.....	K4O8BR	144.57	145.17	N	ALT
MEMPHIS.....	W4A1VP	144.81	145.41	N	
MEMPHIS.....	W4AKGQ	144.89	145.49	D	
MEMPHIS.....	WB4NNE	146.04	146.64	N	O
MEMPHIS.....	W4UFT	146.10	146.70	N	
MEMPHIS.....	WB4DAZ	146.13	146.73	P	
MEMPHIS.....	W4BHYB	146.14	146.74	N	NB
MEMPHIS.....	W4BBS	146.42	146.82	D	P
MEMPHIS.....	W4AKGQ	146.25	146.85	D	
MEMPHIS.....	W4AETE	146.28	146.88	*	AL
MEMPHIS.....	N4BSM	146.34	146.94	D	A
MEMPHIS.....	W4ZJM	146.40	147.00	*	
MEMPHIS.....	W44MQQ	147.66	147.06	N	
MEMPHIS.....	K44GMOV	147.72	147.12	N	AT
MEMPHIS.....	W44MGV	147.78	147.18	D	
MEMPHIS.....	W44BVI	147.81	147.21	N	
MEMPHIS.....	W44ADT	147.90	147.30	*	PL
MEMPHIS.....	WB4MMI	147.96	147.36	N	TA
MORGAN COUNTY.....	W44ORB	147.93	147.33	*	
MORRISTOWN.....	KD4LP	144.85	145.45	*	B
MORRISTOWN.....	KD4LP	147.63	147.03	*	E
MORRISTOWN.....	WB4OAH	147.825	147.225	D	A
MOSCOW.....	N4DRL	146.63	147.23	*	
MOUNTAIN.....	WB4OWO	146.57	147.17	N	
MURFREESBORO.....	W44QO	144.57	145.17	N	
NASHVILLE.....	N4ARK	144.61	145.21	*	L
NASHVILLE.....	N4ARK	144.61	145.21	*	BLR
NASHVILLE.....	K4OG	144.77	145.37	N	AR
NASHVILLE.....	N4ARK	144.87	145.47	*	BP
NASHVILLE.....	W44PCD	146.01	146.61	N	PO
NASHVILLE.....	W4PAC	146.16	146.76	N	
NASHVILLE.....	W4QGE	146.19	146.79	N	
NASHVILLE.....	N4TK	146.25	146.85	*	P
NASHVILLE.....	W44TOA	146.28	146.88	*	P
NASHVILLE.....	W44PCD	146.34	146.94	N	
NASHVILLE.....	K4AYN	147.845	147.045	N	
NASHVILLE.....	W44PCD	147.75	147.15	N	
NASHVILLE.....	W44PCD	147.78	147.18	N	
NASHVILLE.....	WB4BTU	147.855	147.255	N	TP
NASHVILLE.....	W44BVI	147.90	147.30	N	P
NASHVILLE.....	WB4NTM	147.96	147.36	*	ATL
NASHVILLE W.....	WB4NTM	146.04	146.64	*	AT
NASHVILLE W.....	WB4NTM	146.07	146.67	*	ATL
NASHVILLE/FAIRVIEW	N4ARK	144.51	145.11	*	B
OAK RIDGE.....	K4SKH	146.28	146.88	D	
OAK RIDGE.....	A4AUP	146.145	146.745	*	
OAK RIDGE.....	K4SKH	146.37	146.97	D	A
OAK RIDGE.....	K4EJ	147.72	147.12	*	
OAK RIDGE.....	K4EJ	147.79	147.19	*	LT
OAKFIDI D.....	K4EJ	147.99	147.39	D	PT

MORE TENNESSEE REPEATERS

PARIS.....K4KLX	147.96	147.36	N A
PETROS/FRZ HD MTK4J51	147.855	147.255	* PE
PIKEVILLE.....K4PUX	147.885	147.285	*
PINSON.....WB0TMC	147.87	147.27	N C
POCAHONTAS.....WB4M1M	147.96	147.36	N
POLK CITY/OSWALDWD40ES	147.78	147.18	N A
PULASKI/MUSIC MTK4VJO	146.175	146.775	N E
PURYEAR.....W4ACEX	147.765		
RAMER.....WB4M1M	147.96	147.36	N
RIDGE TOP.....W44FM	144.69	145.29	N
ROCKWOOD.....A4AKS	147.615	147.015	* ABER
SALTILLO.....K4BJUB	146.115	146.715	N
SAVANNAH.....WB4DQU	146.31	146.91	N
SEV/SHIELDS MT.....K4CJX	144.67	145.27	N O
SHELBYVILLE.....K4AKRM	144.53	145.13	*
SHELBURY.....W4QEB	146.66	147.06	N A
SHORT MTN.....W4YXA	146.31	146.91	N
SPRING HILL.....W4AE	144.85	145.45	N A
TRENTON SPRINGSWD40BW	146.325	146.925	* CL
TRENTON.....KN4KP	146.265	145.865	N AENB
UNION CITY.....W44YGM	146.10	146.70	* A
UNION CITY.....W44YGM	147.615	147.015	* OAR
WATERTOWN.....KE4WA	146.13	146.73	N T100
WATERTOWN.....N4IDG	146.235	146.835	* P
WINCHESTER.....W4SFF	146.22	146.82	* A

220 MHZ

BLOUNTVILLE.....W4AKMG	222.60	224.20	* B
BROWNSVILLE.....K84YTU	222.60	224.20	N PL
CHATT/SGNAL MT.....W44QX	222.60	224.20	
CHATTANOOGA.....K4VCM	223.18	224.78	D
CLARKSVILLE.....KF4GP	222.34	223.94	N
CLEVELAND.....K4KUS	222.72	223.32	D AB
CUNICH MTN.....K4R4G	223.04	224.64	N AB
COLLIERVILLE.....K44YGI	222.80	224.40	N PL
COLUMBIA.....KE4KO	223.12	224.72	D
FISHERVILLE.....N4DRL	223.28	224.88	* AL
FRANKLIN.....WD4SGS	224.14	224.74	N
GALLATIN.....W44ZSA	222.38	223.98	N
GREENBRIER.....W4ME	223.20	224.80	N AB
GREENBRIER.....W4ME	223.16	224.76	N PR
GREENEVILLE.....WB4NKM	220.05	220.65	* BEACON
GREENEVILLE.....WB4NKM	223.34	223.94	* A
HERMITAGE.....WB4RAB	222.30	223.90	N
JCBUFFALO MT.....W4AUCI	223.18	224.78	*
JONESBOROUGH.....WD40BW	222.92	224.52	* ALB
KNOXVILLE.....N4OQJ	222.78	224.38	* B
KNOXVILLE.....W44YON	222.86	224.46	
KNOXVILLE.....W4BBB	222.80	224.40	
KNOX/CROSS MT.....K4KZJ	222.82	224.42	
LAFOLETTE.....K4AQAQ	222.68	224.28	N
MEM/FISHERVILLE.....N4DRL	222.90	224.50	* AL
MEMPHIS.....N4MW	222.05	222.65	* BEACON
MEMPHIS.....W4ZJM	222.34	223.94	* LT#
MEMPHIS.....W4BS	222.82	224.42	D L
MEMPHIS.....W4AKQG	223.18	224.78	D
MORRISTOWN.....N4RBB	222.80	224.40	* AB
NASHVILLE.....WB4NTM	222.48	224.08	
NASHVILLE.....WR3S	222.56	224.16	* ABRL
NASHVILLE.....K4IOG	222.84	224.44	N AERT
NASHVILLE.....WR3S	223.06	224.66	* ALR
NASHVILLE.....N4PYI	223.14	224.74	* ALRT100.0
SEVIERVILLE.....N2FUV	222.84	224.44	N PT
SHORT MTN.....KE4NP	222.66	224.26	* LR
SPRINGFIELD.....K4ABN	222.62	224.22	* ABER

440 MHZ

LAWRENCEBURG.....AB4UP	447.675	442.675	* C
ALAMO.....WB4EDS	448.75	443.75	* L
BARTLETT.....W4ADOR	448.70	443.70	N T
BARTLETT.....W4APAJ	449.25	444.25	N
BENTON/BEAN MT.....K4SIR	449.95	444.95	N T
BLUFF CITY.....WB4RAV	449.725	444.725	N BCO
BRISTOL/HLSMT.....K4LSL	449.50	444.50	N A
BROWNSVILLE.....K84YTU	449.40	444.40	N PL
BROWNSVILLE.....K84YTU	449.45	444.45	N CPL
CHATTANOOGA.....N4BJ	447.15	442.15	* ABELR
CHATTANOOGA.....N4JSR	447.325	442.325	N
CHATTANOOGA.....W4AM	449.10	444.10	D A
CHATTANOOGA.....WB4LRD	449.875	444.875	N
CLARKSVILLE.....KF4GP	449.95	444.95	N
COOKEVILLE.....N4QY	449.55	444.55	N
CUMBERLAND CITYWD4DBJ	448.40	443.40	* PT
DOVER.....N4VH	449.925	444.925	N
FAYETTEVILLE.....K4GPM	448.10	443.10	N O
FISHERVILLE.....N4DRL	449.30	444.30	* ABEL
FRANKLIN.....N4FULM	448.85	443.85	N
FRANKLIN.....N4TK	449.725	444.725	* LT
GALLATIN.....N4SSB	448.30	443.30	* C
GALLATIN.....WB4BYK	449.00	444.00	* C BLPT
GALLATIN.....WB4BYK	449.35	444.35	* PLT
GALLATIN.....W44KWP	449.45	444.45	N
GALLATIN.....W4AAKM	449.775	444.775	* NT107.2
GATLBG/COVE MT.....W4AKJH	448.30	443.30	N L
GRAY/HOLSTON MTK4DSBX	447.20	442.20	* T103.5
GREENBRIER.....W4ME	449.25	444.25	N
GREENEVILLE.....W44PKM	446.65	441.65	
GRNVEILKING MTK4AG	448.20	443.20	* C
HENDERSON.....K4TC	449.75	444.75	* P
HENDERSONVILLE.....N4SSB	448.90	443.90	* BLT
JACKSON.....WB4EPG	447.80	442.80	N
JACKSON.....WB7BXO	449.875	444.875	N PERLT
JAMESTOWN.....K4MJN	448.625	443.625	* P
JASPER.....K44XV	447.05	442.05	D

JOHNSON CITY.....WB4SCQ	448.425	443.425	D
KNOXVIL/JENG MTK4WBAP	449.60	444.60	*
KNOXVILLE.....WA4NTZ	447.50	442.50	N
KNOXVILLE.....WB4GBI	449.30	444.30	*
KNOXVILLE.....K4BKSL	449.50	444.50	D A
LAFAVETTE.....K4CECD	449.125	444.125	D RT
MARYVILLE.....K4CPDQ	449.70	444.70	* A
MEDINA.....K4BEZ	447.05	442.05	N AL
MEMPHIS.....N4ERU	431.25	426.25	N
MEMPHIS.....N4ERU	439.25	424.25	N ATV
MEMPHIS.....WB4EPG	447.825	442.825	N
MEMPHIS.....W4FG	447.825	442.825	N
MEMPHIS.....W4ZJM	448.00	443.00	* T#
MEMPHIS.....K4A4JT	448.10	443.10	* T107.2
MEMPHIS.....W4BS	448.20	443.20	D
MEMPHIS.....W4AQWV	448.40	443.40	N A
MEMPHIS.....W4AKQG	448.80	443.80	D NB
MEMPHIS.....K4S5YF	448.95	443.95	N
MEMPHIS.....K4ORBN	448.975	443.975	N ALT
MEMPHIS.....W4AETE	449.00	444.00	*
MEMPHIS.....K4RDK	449.025	444.025	N
MEMPHIS.....K4A4JT	449.10	444.10	* RP
MEMPHIS.....W4AKQG	449.40	444.40	D
MEMPHIS.....K4JXI	449.60	444.60	N
MEMPHIS.....K4JXI	449.80	444.80	N
MEMPHIS.....K4SC	449.825	444.825	N
MEMPHIS.....WB4M1M	449.90	444.90	N TAL
MEMPHIS.....WB4NNE	449.95	444.95	N O
MILAN.....WD4ABJ	447.10	442.10	D
MORRISTOWN.....K4NEEX	449.20	444.20	N
MORRISTOWN.....K4D4L	449.80	444.80	* AB
MT JULIET.....WB4PUB	448.05	443.05	N P
NASHVILLE.....K4JZQ	439.25	424.25	N V
NASHVILLE.....K4IOG	449.05	444.05	N ALTR
NASHVILLE.....WB4NTM	449.15	444.15	* ATL
NASHVILLE.....N4ARK	449.225	444.225	* BLPT107.2
NASHVILLE.....N4PYI	449.525	444.525	* CT107.2
NASHVILLE.....W44WCK	449.575	444.575	T
NASHVILLE.....W44WCK	449.625	444.625	* PT
NASHVILLE.....W4AY	449.675	444.675	N
NASHVILLE.....W4ABGK	449.825	444.825	* T
NASHVILLE.....W4AAKM	449.875	444.875	T
NASHVILLE.....W4AAKM	449.975	444.975	* LRPT107.2
OAK RIDGE.....K4E4J	449.40	444.40	* L
OKFIELD.....W4ABJY	447.20	442.20	D PTL
OSWALD DOME.....WD4DES	447.25	442.25	N
PARIS/GROVE HL.....W4AWKS	448.50	443.50	N
PULASKI.....K4BTPI	439.250	424.250	N V
PULASKI.....K4BTPI	447.150	442.150	N
ROCKWOOD.....K4W4J	448.975	443.975	N
SHELBYVILLE.....K4AKRM	448.825	443.825	N
SHORT MTN.....N4OYS	449.65	444.65	N
SODDY DAIY.....W4J3	449.45	444.45	N BELRP
WATERTOWN.....N4IDG	449.90	444.90	* P

920 MHZ

MEMPHIS.....N4MW	902.28	BEACON	*
MORRISTOWN.....K4D4L	908.80	920.80	* BP
NASHVILLE.....K4ZGA	910.25	923.25	N N

1270 MHZ

MEMPHIS.....N4MW	1272.00	1292.00	* B
NASHVILLE.....N4MEY	1277.25	1297.25	N N

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

NEWPORT NEWS.....W4BCTF	29.60	29.60	* R
ONEIDA PKYBLFD.....W2BE	29.58	29.58	N RL
ROANOKE/POOR MTK4B8BN	29.54	29.54	D CL
STERLING.....K4D4N	29.58	29.58	M N

6 METERS

ALEXANDRIA.....W4ACCF	52.13	53.13	M ML
ARLINGTON.....K4MB	52.05	52.05	M MCL
BEDFORD/THX MTK4B4DBB	52.15	53.15	*
CENTREVILLE.....K4DCS	52.58	52.58	M M
DANVILLE(DCC).....A4AQ	52.13	53.13	*
GUM SPRINGS.....K4B4MC	52.07	53.07	*
HERNDON.....WD4KHP	52.62	52.62	M TM
LEXINGTON/ROCK MT.....K4ZP	52.01	53.01	* L
ROANOKE.....W4B4DB	52.43	53.43	D
ROANOKE.....W4B4DB	52.25	53.25	* L
ROANOKE/POOR MTK4B8BN	52.09	53.09	D CL

2 METERS

ABINGDON/BRMLY MTK4LSP	146.01	146.61	N L
ABINGDON.....N4AKZ	146.34	146.94	* ABL
ACCOMAC.....W4ATVS	147.855	147.255	* EB
ALEXANDRIA.....W4AMJF	144.55	145.15	M M
ALEXANDRIA.....WD4PFF	146.055	146.655	M MP
ALEXANDRIA.....W4HHP	147.915	147.315	M ML
ALTAVISTA.....W4AIS	146.055	146.655	* BELP
ALTON.....WD4LBM	146.46	147.06	* P
ARLINGTON.....N4EFJ	144.87	145.47	M M
BARRON SPRINGS.....K4BZ	146.07	146.67	* P
BEAVERDAM.....N4CZJ	144.65	145.25	N BP
BEDFORD/APL ORCH.....W4TMS	144.81	145.41	* BT100.0
BEDFORD/APL ORCH.....W4B4DB	144.63	145.23	*
BEDFORD.....W4B4JB	147.705	147.105	N PL
BLACKSBURG.....AB9I	146.115	146.715	D
BLAND.....N4AZJ	144.75	145.35	* RP

BLUEFIELD.....WB4MP	144.89	145.49	* P
BLUEMONT.....W4ATSC	147.90	147.30	M M
BRISTOL.....W44CYZ	146.28	146.88	N
CHARLOTTESVILLE K4C4YL	144.69	145.29	N
CHARLOTTESVILLE W4A1TZ	146.16	146.76	*
CHARLOTTESVILLE W4A1TZ	146.325	146.925	*
CHASE CITY.....W4AXH	146.31	146.91	*
CHESAPEAKE.....K4NDH	144.69	145.29	N E
CHESAPEAKE.....N53F	144.73	145.33	*
CHESAPEAKE.....N4GSP	146.01	146.61	* ABE
CHESAPEAKE.....N4SD	146.19	146.79	* C
CHESAPEAKE.....K4L7SR	147.95	147.105	N C
CHESTERFIELD.....K4ACBB	147.76	147.36	* PE
COVINGTON.....W4AHTI	146.205	146.805	D L
CULPEPER.....A4AVI	147.72	147.12	M M
DANTE.....WD4CYZ	147.855	147.255	N
DANVILLE(DCC).....A4AQ	146.325	146.925	* AET103.5
DANVILLE/WHT OAKK4M4U	146.10	146.70	* BERP
ENON.....W4AECM	147.66	147.06	* BP
FAIRFAX.....W44YVM	144.57	145.17	M M
FAIRFAX.....W4LBL	146.19	146.79	M MP
FALLS CHURCH.....W4AQD	144.75	145.35	M MT
FARMVILLE.....W4AQOI	144.73	145.33	*
FINCASTLE.....W4WIC	146.04	146.64	* A
FOREST.....K4PUKJ	147.77	147.37	* L
FRANKLIN.....K4SPS	144.90	147.30	* PE
FREDRICKSBURG.....WB4LNT	147.615	147.015	M M
GALAX/BRIR MT.....N4VL	147.69	147.09	* A
GALAX/LOKOUT MT.....N4VL	144.53	145.13	* R
GATE CITY.....W4NBW	146.22	146.82	D
GLADYS.....N4JSM	147.345	146.745	N
GLOUCESTER.....K4C1TG	147.47	147.07	* PE
GRUNDY.....K4HWQ	147.915	147.315	N A
GRUNDY/BIG M MT.....WD4DCX	146.235	146.835	N L
GUM SPRING.....WB4IKL	147.87	147.27	*
HAMPTON.....K4DHO	146.13	146.73	* PE
HAMPTON.....K4UMI	146.34	146.94	N T
HARRISONBURG.....N4YET	144.53	145.13	M M
HARRISONBURG.....N4RAG	146.295	146.895	M M
HARRISONBURG.....W4X4C	147.825	147.225	M AM
HARRISONBURG.....N4YET	147.915	147.315	M A
HERNDON.....N4FXP	144.71	145.31	M MP
JEWELL RIDGE.....WB4QJZ	147.75	147.15	N
KILMARNOCK.....W2MS	144.61	145.21	* A
LEXINGTON.....K4I2R	146.07	146.67	* OR
LEXINGTON.....K4I2R	147.90	147.30	* A
LEXINGTON/ROCK MT.....K4I2R	147.93	147.33	*
LORTON.....K4AQO	144.57	145.17	M MC
LUNENBURG CT.....H5EAAQO	147.84	147.24	*
LYNCHBURG.....W4WQW	146.22	146.82	*
LYNCHBURG.....W4WQW	146.22	146.82	* P
LYNCHBURG.....W4ARTS	147.975	147.375	N

MORE VIRGINIA REPEATERS

VIRGINIA BEACH.....WA4SBC	147.645	147.045	N
VIRGINIA BEACH.....W4NV	147.975	147.375	* AB
WIRENTON.....N2ZN	147.765	147.165	M
WARSAW.....W4RZ	147.92	147.33	* E
WAYNESBORO.....W4PNT	147.675	147.075	* PEL
WILLIAMSBURG.....K2QJ	144.81	145.41	N C
WILLIAMSBURG.....W4NTG	146.07	146.67	D B
WILLIAMSBURG.....KB4ZIN	146.16	146.76	D A
WINCHESTER.....W4KRC	146.22	146.82	* ME
WOODBRIDGE.....W4B4FQR	147.84	147.24	M MA
WYTHEVILLE.....WB4QVU	146.175	146.775	D 103.5

220 MHZ

ALEXANDRIA.....WA4CCF	223.22	224.82	M ML
ARLINGTON.....K4MB	222.46	224.06	M M
BEDFORD/APL ORCH.....WB4DBB	222.46	222.66	* RL
BEDFORD.....N4PLV	223.24	224.84	* B
BLUFFE/RIVER MTN N8LGA	223.32	224.92	* C B
CHARLOTTESVILLE/KBY4QC	222.54	224.14	* BCPT
DANVILLE.....AA4QT	222.78	224.38	*
DANVILLE/WHITE OAK/N4GLA	222.84	224.44	* AE
DAYTAVILLE.....AA4HJ	223.30	224.90	AE
FAIRFAX.....W4BYHD	222.50	224.10	M
FAIRFAX.....W4DKHP	222.82	224.42	M MPLT
FALLS CHURCH.....N4CHP	223.38	224.98	MP
GASBURG/LK GASTNWA4HMT	223.00	224.60	D C
GLOUCESTER PT.....N4THN	223.02	224.62	* BEP
HAMPDEN-SYDNEY/WB4PEA	222.60	224.20	D O
HAMPTON.....KB4UHA	223.26	224.86	D OABER
LEESBURG.....W4ATXE	222.42	224.02	M M
LOVETTSVILLE.....WB4FJU	222.68	224.28	M
LYNCHBURG.....AB4M	222.68	224.28	P
MANASSAS.....KB4CVL	222.74	224.34	M M
MANASSAS.....W44PFM	223.06	224.66	M M
MARTINSVILLE.....WB4BVI	222.90	224.50	* P
NORTON/HIGH KB.....WA4NDQ	222.82	224.42	* R
PETERSBURG.....K4ARO	223.10	224.70	N
RICHMOND.....W44ONG	222.92	224.52	N K
ROANOKE.....W44HJ	222.50	224.10	* L
ROANOKE/CHAUS MT/AB4EM	223.34	224.94	N
SINGERS GLEN.....K4SAD	223.22	224.82	D MC
STERLING.....W4DKHP	222.12	223.72	M M
TYSONS CORNER.....W4DKHP	223.12	224.72	M M
VIENNA.....K4HTA	222.34	223.94	N
VIRGINIA BEACH.....N4WQJ	223.14	224.74	N
WOODBRIDGE.....WB4GJZ	223.18	224.78	M M

440 MHZ

ALEXANDRIA.....WA9GVK	426.25	911.25	M MVL
ALEXANDRIA.....W4KRI	426.25	439.25	M MV
ALEXANDRIA.....WA5ZJA	442.50	444.50	M M
ALEXANDRIA.....W4HFH	449.60	444.60	M M
ALTAVISTA.....W4AISI	449.425	444.425	* BELP
ARLINGTON.....K44DCS	444.875	449.875	M M
ARLINGTON.....K4MB	449.15	444.15	M M
BEDFORD/APL ORCH.....WB4DBB	449.35	444.35	* L
BIG "A" MTN.....KB4WTP	449.875	444.875	*
BLFIELD.....W29B	449.625	444.625	N PL
BLUEMONT.....W44SCF	444.925	449.925	M M
CHANTILLY.....K4HTA	443.375	448.375	MC
CHARLOTTESVILLE/W44TFZ	449.25	444.25	*
CHESAPEAKE.....K4NDH	448.80	443.80	N P
CHESAPEAKE.....N4EVG	448.90	443.90	* PE
COLLINSVILLE.....K4ND6	449.575	444.575	* T103.5
COVINGTON.....W44HTI	447.25	442.25	D O
ENON.....W44ECM	449.20	444.20	N
FAIRFAX.....W44KHP	444.775	449.775	M MCL
FALLS CHURCH.....N4EKF	449.30	444.30	M M
FALLS CHURCH.....K8ZOA	449.45	444.45	M ML
FOREST.....W8CXD	448.60	443.60	N O
FOREST.....W4DKOI	447.75	444.75	N A
GASBURG.....W44HMT	447.00	442.00	D C
GATE CITY.....N4WVW	449.70	444.70	N L
GREAT FALLS.....N3AVA	449.05	444.05	M M
GUM SPRING.....KB4MIC	447.50	442.50	N
HAMPTON.....K4UMI	448.65	443.65	N
HAMPTON.....K4OQT	449.55	444.55	* EPT167.9
INDEPENDENCE HILL/A4VA	448.80	443.80	M M
LEXINGTON/ROCK MT/K4JZ	449.15	444.15	*
LORTON.....W44KHP	444.725	449.725	M ML
LURAY.....N8HON	444.40	444.40	M ML
LYNCHBURG/JACK MT/KF4YI	447.40	442.40	* P
LYNCHBURG.....K4HEX	426.25	923.25	* V
LYNCHBURG.....AB4FU	447.95	442.95	D PT
LYNCHBURG/TORRMT/K4EXE	449.40	444.40	* R
MANASSAS.....W4DAJCE	444.225	449.225	M ML
MARION.....N4IOV	447.00	442.00	D ATR
NORFOLK.....W44MIZ	449.675	444.675	N
NORTON/HIGH KNOB/W44NDQ	448.85	443.85	* TRB
OLIVEVILLE.....KB4MIC	449.80	444.80	* P
PEARISBURG.....N4AZJ	449.975	444.975	* T103.5
PETERSBURG.....W44KZJ	448.825	443.825	C
PETERSBURG.....W44HJ	449.40	444.40	* T
PORTSMOUTH.....K4KSN	449.00	444.00	* AE
RICHMOND.....N4LFU	448.35	443.35	* P
RICHMOND.....K4ARO	449.65	444.65	*
RICHMOND.....K4ARO	449.85	444.85	*
ROANOKE.....K44YUY	447.175	442.175	* P
ROANOKE AIRPORT/K4DEG	448.75	443.75	* PR
ROANOKE/LONG RDG/WB8BON	449.925	444.925	D O
ROANOKE/POOR MT/W4ACA	447.50	442.50	* BEP
ROANOKE/POOR MT/N4FHL	426.25	439.25	N V
ROANOKE/POOR MT/N4VJG	447.70	442.70	*
ROANOKE/POOR MT/WB8BON	448.65	443.65	D C

SINGERS GLEN.....K4SAD	449.60	444.60	M MC
SMITHFIELD.....N3ELM	448.55	443.55	D BLPT
SOUTH BOSTON.....AB4RY	448.925	443.925	* C
SPRINGFIELD.....W4DKHP	444.825	449.825	M MT
STAUNTON.....W4A2BP	449.825	444.825	*
STAUNTON.....W4WRN	449.95	444.95	N
STAUNTON/EL KNOB/W44FQZ	449.10	444.10	* T131.8
STERLING.....W4ATXE	447.20	442.20	M M
STUART/SPON MTN/W44WTB	449.175	444.175	* R
STUARTS DRAFT.....KB4OLM	449.05	444.05	* BELP
TYSONS CORNER.....K4MFI	448.50	443.50	M M
TYSONS CORNER.....K4JYF	448.75	444.75	M M
VIENNA.....K4HTA	448.25	443.25	M M
VIRGINIA BEACH.....W44AKOV	449.95	444.95	D E
WAYNESBORO.....W44EZA	449.20	444.20	M BT141.3
WHITETOP MTN.....K4WJ	448.00	443.00	* BT103.5
WILLIAMSBURG.....W4DUM	448.95	443.95	D
WILLIS.....W40UM	448.875	443.875	N BT
WINCHESTER.....N83O	444.175	449.175	M M
WINCHESTER.....W3CSG	447.00	442.00	M M
WOODBRIDGE.....K4ADCS	444.875	449.875	M M
WOODBRIDGE.....W4B4FOR	449.90	444.90	N
WOODFORD.....W44SDE	443.975	448.975	M M
WYTHEVILLE.....WB3T	449.325	444.325	D ALT103.5

920 MHZ

ALEXANDRIA.....WA4CCF	907.60	919.60	M M
FOREST.....KB4OSI	909.00	921.00	*
LYNCHBURG.....W41ZMS	909.10	921.10	*
ROANOKE.....K4MTT	908.90	920.90	* RP

1270 MHZ

ALEXANDRIA.....WA4CCF	1270.60	1282.60	M M
APL ORCH. MTN.....WB4DBB	1271.02	1291.02	* O
VIENNA.....WR4S	1272.00	1292.00	M M

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY/BOLT.....K8BOTX	29.52	29.62	*
BERKELEY SPRINGS/K8JL	29.52	29.62	M M
CHARLESTON.....WB8CQV	29.54	29.64	* TLO
PARSONS.....KB8QC	29.54	29.64	* TLO

6 METERS

BOLT/BOLT MT.....N8DKL	52.05	53.05	N
ST ALBAN/COAL MT/WB4JKA	52.03	53.03	N ATNB

2 METERS

BARBOURSVILLE.....KB8EHJ	146.46	441.00	* L
BECKLEY/BOLT.....N8FRV	144.57	145.17	* L
BECKLEY/JOC.....K8DVS	144.77	145.37	D A
BECKLEY/FLAT TOP/K8BO	146.25	146.85	D
BECKLEY/LAYLAND/WF1G	144.71	145.31	N
BERKELEY SPRINGS/K8JL	146.145	146.745	M M
BLUEFIELD.....W8MOP	146.89	147.49	N P
BRIDGEPORT.....WB8DKM	147.72	147.12	* PT
BUCKHANNON.....N8FHE	144.53	145.13	* A
BUCKHANNON.....N8FHE	144.81	145.41	* A
BUCKHANNON.....W8DL	146.25	146.85	N
CHARLES TOWN.....N8EIV	146.385	146.985	M MA
CHARLESTON.....W8SL	144.83	145.43	P
CHARLESTON.....W8BIFB	146.22	146.82	* AE
CLARKSBURG.....N8FMD	146.085	146.685	* L
CLARKSBURG.....K8BMR	147.915	147.315	N
CRAIGSVILLE.....K8BOG	144.67	145.27	N L
ELKINS.....K8BWC	146.175	146.775	* P
EVANS.....K8BTZ	147.81	147.21	N
FAIRMONT.....W8SP	146.30	146.90	N NB
FLAT TOP/WINTRLP/WF1G	146.025	146.625	* A
FRANKLIN.....W3RUA	147.945	147.345	* B
GASAWAY.....W8BMZI	146.01	146.61	N
GLENNVILLE.....K8ZXP	144.69	145.29	D AELR
GRAFTON.....W8DLNB	147.975	147.375	* P
GRANTSVILLE.....N8LJG	144.85	145.45	* PE
HARRISVILLE/PENSBORW8NSL	147.90	147.30	N
HINTON.....KB8EQC	147.855	147.255	* AB
HORSEPEN MT.....N8VH	147.795	147.195	* N
HUNTINGTON.....W8BFEQ	144.61	145.21	N YL
HUNTINGTON.....W8VA	146.16	146.76	* PEL
HUNTINGTON/CHAS/WB8EZR	146.04	146.64	* PL
KINGSTON/WICK KB/W8G	144.87	145.47	N
LEON.....W8BNTM	147.78	147.18	N O
LEWISBURG.....W8AVZ	146.13	146.73	D P
LIBERTY.....W8HYX	144.81	145.41	D
LOGAN.....W8BZLR	146.09	147.11	N NB
LOGAN/UMERCO.....N8UK	147.945	147.345	* PL
LOGAN/WARD RIK MT/K8E	146.37	146.97	PL
MARTINSBURG.....W8FSE	144.55	145.15	M PR
MARTINSBURG.....W8BYZ	147.855	147.255	M M
MCMECHEN.....N8FON	146.31	146.91	* P
MORGANTOWN.....K8LG	144.83	145.43	N AL
MORGANTOWN.....W8CUL	146.16	146.76	* PL
MORGANTOWN.....K8EQC	147.675	147.075	* AELRP
MT STORM.....K8BJTH	147.705	147.105	D PLER
MULLENS/HRDN MT/K8C8T	147.63	147.03	* R
NEW MARTINSVILLE FTBL	146.395	146.995	* NB
NEW MARTINSVILLE/WB8CV	147.54	146.94	N NB
OAK HILL.....W8OOC	146.19	146.79	* E
PARKERSBURG.....W8V8G	144.89	145.49	* ABC
PARKERSBURG.....W8FU	146.145	146.745	* AE
PARKERSBURG.....W8CRW	146.37	146.97	D A

PARKERSBURG.....W8ALLM	147.855	147.255	* A
PARKERSBURG.....W8CRW	147.99	147.39	D
PARSONS.....K8EBC	144.73	145.33	* BELRPT
POINT PLEASANT.....W8KNM	147.66	147.06	N
PRINCETON.....K8BNC	146.46	147.06	* P
PRINCETON.....WB8NRK	147.825	147.225	* P
PRINCETON/PIPETW8BOGY	146.325	146.925	N A
RAVENSWOOD.....W8JUN	146.07	146.67	N P
RAVENSWOOD.....W8JUN	146.10	146.70	N R
RICHWOOD.....W8BYJ	144.59	145.19	* B
SALT ROCK.....W8DMCR	144.51	145.11	N
SCOTT DEPOT.....W8CS	147.87	147.27	D PEL
SHERRAD.....K8DGL	146.115	146.715	* EPL
SO. CHARLESTON.....W8BCOV	146.28	146.88	N L
SPENCER.....W8T8	147.705	147.105	D
SPRUCE KNOB.....W8JUN	147.85	147.25	* L
ST ALBANS.....W8BGDY	146.40	147.00	* B
ST ALBANS.....K8ASVR	147.75	147.15	D PELR
ST ALBANS.....K8WMX	147.975	147.375	* Y
ST MARYS/BENS R/W8BEC	147.63	147.03	N L
SUMMERSVILLE.....K8VKB	146.34	146.94	*
TERRA ALTA.....K8DZR	147.60	147.00	* AE
UPPER TRACT.....K8BUC	146.055	146.655	* B
WEINTON.....W8WGO	147.84	147.24	* ABEP
WELCH.....W8BSXZ	144.85	145.45	N
WESTON.....W8DEOM	144.59	145.19	N P
WHEELING.....W8BJGJ	144.59	145.19	N PL
WHEELING.....W8ZQ	146.16	146.76	* B
WILLIAMSON.....WR8M	144.73	145.33	* AR

220 MHZ

CHARLESTON.....W8BYST	222.76	224.36	N C
FLAT TOP/WINTRLP/WF1G	222.52	224.12	* A
KINGSTON/WICK KB/W8G	223.14	224.74	N
PARSONS.....K8EQC	222.88	224.48	* ALR
WILLIAMSON.....WR8M	222.54	224.14	*

440 MHZ

ALDERSON.....WF1G	449.40	444.40	* OA
BECKLEY/BOLT.....A8ABS	447.30	442.30	* PRC
BECKLEY/KINGSTON/WF1G	449.80	444.80	* R
BUCKHANNON.....N8FHE	448.10	443.10	* L
CHARLESTON.....K84BNW	449.75	444.75	*
HUNTINGTON.....W8VA	447.60	442.60	* C
HUNTINGTON.....WB8EZR	449.04	444.04	*
MORGANTOWN.....K8LG	449.70	444.70	N L
MORGANTOWN.....W8CUL	448.80	443.80	* OPL
MULLENS/HRDN MT/K8C8T	449.00	444.00	* LR
PARKERSBURG.....W8VT	448.05	443.05	* T141.3
PARKERSBURG.....N8ILO	449.10	444.10	* B
PARKERSBURG.....W8VYG	449.775	444.775	* NC
PARSONS.....KE8CQ	442.20	442.20	N
PARSONS.....W8PCWCV	449.00	444.00	* BEFLR
ST. ALBANS.....K8MHR	448.15	443.15	* BELP
THOMAS.....KE8OC	449.45	444.45	* FER

The Vagabond Ragchewers Net

Each weekday at 2:00 p.m., the Vagabond Ragchewers Net meets on one of two repeaters on Sauratown Mt., north of Winston-Salem, NC. The W4NC, 145.47 machine is primary,

while the K4JYH 147.315 repeater is used as a backup.

Purpose of the net is to gather Amateurs to ragchew and inform, enlighten, and perhaps add a bit of humor to the day. The net runs for approximately 1-1/2 hours each weekday. Hams in the area are encouraged to check in on a regular, or an occasional basis.

After five confirmed check-ins, a station is eligible to become a full fledged member of the net by taking an on-the-air pledge that among other things, states that a Vagabond pledges to "always move in the right direction." New Vagabonds receive a certificate.

The net grew out of regular simplex QSOs between John Harter, N4ZTE (now a silent key) and Max Swing, N4RUH. These delightful ragchews expanded in number of participants and moved from simplex to a repeater. Soon the net was born.

As of December 27th, the net has 29 pledged members, averages between 15 and 20 check-ins per day, and has had a total of 115 Hams check in at least once.

On a given day, check-ins range from Greensboro and Kernersville to the East, Mt. Airy, Stuart, and Fancy Gap to the North, Statesville and Hickory to the West, Salisbury to the South, and of course Winston-Salem.

In addition, on Wednesday of each week, members of the net gather at 9:00 a.m. for breakfast at the K & W Cafeteria on Healy Drive in Winston-Salem.

The Vagabond Ragchewers Net is a success story in progress. You are invited to participate!

VRCN

This is to certify that

John A. Harter - N4ZTE

Having met all requirements and taken the on-air Vagabond Pledge, is a Member-Station of the

VAGABOND RAG CHEWER'S NET

And is entitled to all the privileges, rights, favors, glory, rank, fame, notoriety, popularity and honor of membership. As a Vagabond whatever course in life you travel, may you always be headed in the right direction.

In accepting this certification the member agrees to abide by the rules of the

VRCN.

0001

Member Number

John A. Harter
Net Control

October 13, 1991
Date

CASH BACK!!!!

From Williams and Alinco

Now Thru March 31st!

You can get from \$10 to \$25 Cash Back On Certain Alinco Radio Purchases

\$10 CASHBACK

From **ALINCO**

With Purchase of a

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From Williams Radio Sales

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With Purchase of a

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From Williams Radio Sales

To receive Bonus Cashback payment, an Alinco Radio (DJ-160T/560T or 590T) purchase must be made from Williams Radio before March 31, 1992. A Rebate Certificate and copy of Purchase invoice will be supplied by Williams at time of purchase. These two items must be submitted to Alinco Electronics by April 30 '92. Limit one Rebate coupon per purchase.



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Saturday, June 13, 1992 9:00 AM - 5:00 PM
Totally indoor AIR CONDITIONED location!
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Exams start at 9:00 AM SHARP!

(Cut off date June 12)

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DOOR PRIZES!

You DO NOT have to be present to win!

Also - Lots of Hourly Prizes!

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At the gate \$6.00

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Winston-Salem Hamfest

P. O. Box 11361

Winston-Salem, NC 27116

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Last Chance for supplies before Field Day!
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Come and see why Winston-Salem is the fastest growing
HAMFEST in North Carolina! WE WERE SOLD OUT IN 91!

WEST VIRGINIA NOTES

-by Ted Wolfe, WD4KHL

Send News To: P.O. Box 133, Cabin Creek, WV 25035

As I recall I began writing for the *Repeater Journal* in May 1981. So, 10 years of columns have gone by. I want to thank all who have assisted over the years by providing me with stories, pictures, and ideas. I can still use the input for I can't write about your ham news if someone doesn't tell me about it.

For this issue I received a note from Carl, KB8EHJ, Vice president of TARA (the Tri-State Amateur Radio Association) in Huntington. New TARA officers for 1992 are Bob Cyr, KB8WMH, president; Ezra Taylor, N8KTA, vice-president; Seth Staker, (whose call I could not decipher), secretary; and Jim Perry, KB8LSR, treasurer. Carl promised to add my name to the TARA newsletter list. He also noted that by the time this is in print the 447.60-442.60 Mhz W8VA repeater should be on the air.

Also he included the TARA schedule of VE tests for 1992. All sessions begin at 10:00 a.m., but applicants are encouraged to arrive at the testing site by 9:15 a.m. so they may be registered and their form 610 checked prior to the examination. All but one of the W5YI testing sessions will be at the Our Lady of Fatima church school classrooms located at 545 Norway Avenue, Huntington. Session dates: 8 February, 11 April, 13 June, 8 August*, 10 October and 12 December. Each of those dates is a Saturday. The August date is **starred** because it is tentative. The date and location will be at the TARA hamfest that month. The hamfest fixed date and site will be announced later. Candidates for new or upgrade licenses should bring a Photo identification, copy of current license or original CSCE, and a completed form 610 (forms available at session). Prior registration not required, Walk-ins accepted. Additional information is available from Jim Baker, K8KVX, phone (304) 736-6542.

Sam Moore's grandson, Jason, KB8LFG, upgraded to Advanced class in testing at Charleston late in the year. Early in 1992 he will be ready to tackle the Extra class test. Jason's a computer user, too, and is only 16. Sam, W8NCD, often provides me pictures to accompany my articles or the column.

WVARI's Sunday and Wednesday night nets have grown to six linked repeaters in West Virginia and Kentucky. Originating on the Scott Depot, WV 147.27 WC8S repeater, the West Virginia Amateur Radio, Inc., Sunday night 9:30 p.m. local time ARES and Information net, and the Wednesday night 9:00 p.m. swap net are linked via

remote base facilities to the Huntington, WV WB8EZR 146.64 repeater; the Williamson, WV WR8M 145.33 and 224.14 repeaters' the Phelps, Ky KJ4YK 147.09 repeater and the Pikeville, Ky KJ4VF 147.045 repeater.

On two occasions when I acted as net control there were over 50 check-ins--51 on Nov. 24 and 55 on Dec. 15. Bob Adams, N9DMK, has that many, and often more, to check in for the swap net on Wednesday night.

The December *B-N-T* newsletter from Triple States Radio Amateur Club has some three pages of news, comment and tribute on the on the Sep. 20 passing of the club's vice-president, Milton Maxwell Shanley, Sr., WB8WRM. L. "Bud" Chisnell,

KA8KOS was named the club's Amateur of the Year at the annual 1991 Holiday Recognition Dinner held Nov. 24 at Colerain, Ohio. The TSRAC Service Award winner was Jim Hunter, N8QHT.

Certificates of Merit were presented to Dave Patterson, KB6UU; Alamo, CA; Allan Crowther, AI8T, Niceville, FL; John Hoffer, W8WWY, Wellsburg, WV; and John L. Ford, WN8M, Holmesville, OH. Also recognized were two new Life Member Award winners for 1991. They were Harry "Butch" Trumpie, WD8PPR, Bridgeport, OH; and Walt Bastow, N4KVF, of the North Carolina Chapter of TSRAC.

Daniel J. Woodrum, N8KUQ (formerly KB8GRI), Daniels, WV, is the editor and Leo Schultze, KA8ZOP, Beckley, the publisher of the Black Diamond ARC's newsletter which is now named *The Diamond Monthly*. Daniel has been sending me copies now for six months and pointed to the format change for Vol I, Number XI for November 1991, which was done with a new computer program.

Continued on Page 39



Chub Keeps Busy in Retirement

Chub Goodwin, N8CG, Nitro, WV, keeps busy in retirement. Here he is in his basement shack on the telephone with just some of his amateur gear in the background. A piece of equipment is beside him which he is presently working on. Not shown is the computer corner in his shack with an IBM compatible setup. -Photo by Sam Moore, W8NCD

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2-METER 5-ELEMENT BEAM

Two Meter 5-Element Beam. Has 6.6 db Gain, with 11 db Ft. to Back Ratio. Package to Operation in Just 5 Minutes

Great for Field Day, or Mountain Topping.

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Greenville Hamfest '92

May 2nd and 3rd, 1992

at the Anderson County Fair Grounds

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the Blue
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Flea Market
tables:
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Please include a S.A.S.E. with your PRE-REGISTRATION request if you want your tickets mailed back to you. Requests without a S.A.S.E., without sufficient funds, or received too late to return by mail will be held for you at the gate. (Monies MUST be received by April 20, 1992)

Make check payable to: BRARS, INC.

Mall To:
B.R.A.R.S.
P.O. Box 6751
Greenville, SC 29606
803-297-1617

Please Sign Me Up For The 1992 Greenville Hamfest, May 2nd and 3rd!

Advance Registration Ticket with 1st Prize Ticket: # _____ @ \$4.00 Ea. = _____

Additional Prize Tickets (6/\$5.00, 13/\$10.00, 27/\$20.00): # _____ @ _____ = _____

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Advance Flea Market Chairs (Good Both Days): # _____ @ \$1.00 Ea. = _____

Total: Enclosed is my check for \$ _____

Name(s) _____ Call(s) _____

Address _____ Phone No. () _____

City _____ State _____ Zip _____

Amateurs Help Buxton Win Weather Award

-Special To the Repeater Journal

Buxton's National Weather Service office and staff have received on of the service's highest awards for its public service work during the 1990 Bonner Bridge outage (Outer Banks of NC)

This time last year, Hatteras islanders were coping with sometimes foggy ferry rides and absorbing bridge rebuilding details.

One very constant source of accurate information during that period was the public service announcements generated by the weather staff in Buxton.

Eastern region director Susan Zeven acknowledged that public service in presenting a Unit Citation Award to Buxton's staff.

She also acknowledged the strong links forged by the station's staff with the Outer Banks Repeater Association and Dare County's sheriff's office.

With long distance telephone service severed, the Buxton weather personnel had no way to send or receive vital meteorological data. Within hours of the bridge collapse, information was flowing between Hatteras Island and Raleigh. For two days, Amateur members of the Outer Banks Repeater Association sent and received weather info for the Buxton weather station.



Buxton's National Weather Service manager Wally DeMaurice receives a Unit Citation Award for its public service work during the 1990 Bonner Bridge emergency on the North Carolina coast. The award was presented to DeMaurice by Susan Zeven, Eastern Regional Manager, National Weather Service.

-photo City K4UOR by MHG-M

On hand for the recent ceremonies were association members Harry Bridges, K4UOR and Dewey Mann, WA4NYN. Bridges stated that "no other place has as good a working relationship."

County Commissioner Gack Austin KA2BPE, also a ham, offered his congratulations on the award.

During the bridge outage, the Buxton office prepared specialized weather forecast for bridge construction workers and DOT's ferry operations. These forecast were authorized through the Raleigh office of the National Weather Service, North Carolina area manager Stephen W. Harned, also present for the award ceremonies, submitted the nomination which resulted in the national award.

"Bridging the Communications Gap" was a cover story about the collapsed Boner Bridge in the February 1991 Repeater Journal.

The SERA Repeater Journal Advertising Rate Card

Effective 1 January 1992

Full Color Covers...8-1/2x11"	\$335.00
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1/6-Page (Horiz)...4-3/4x2-1/4"	\$22.00
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SPECIFICATIONS

Sizes listed Above are width by length in that order. Ads which run between sizes will be billed according to column inch rate at midpoint.

Prices quoted are for exact size, camera-ready positive photoprint or pasteup. Full color ads for covers require negative, right reading emulsion down. 150-Line screens preferred. Camera work, design, typesetting, pasteup is available at a nominal charge.

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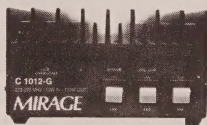
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COPY DEADLINE DATES

February Issue - Jan. 1, May Issue - Apr. 1, August Issue-Jul. 1, November Issue - Oct. 1.

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The honors for being Mr. Packet in WV must be split between two Charleston area hams who have done much to further the mode in the Mountain State. Terry North, left, WB8IFS, has just about used up all his available SSIDs for his call since he has so many nodes on the air around the region (on 145.01 and the backbone 446.50. Johnny Jones, WB8CQV, has the premier BBS system for this part of the state, with multiple ports, a chat node, and most recently a server with link to the N8HTT packet cluster in Ohio. -Photo by Ted Wolfe, WD4KHL



WVAR Holiday Dinner

West Virginia Amateur Radio, Inc., club held its annual Christmas dinner in December. Here is Danny Danner, K8WOG, with the club's huge emblem at the head table. -photo by Sam Moore, W8NCD.

WEST VIRGINIA NOTES CONTINUED

I must apologize to him for misplacing some of the material he sent me which should have gone in the November issue of the *Repeater Journal*.

BDARC has grown in the past year and has been offering classes in the hope of developing new hams. The club is also working to update its 145.37 and 146.85 Beckley area repeaters.

As I write this Christmas week, I haven't heard from him with the name of the club's Ham of the Year award which was to have been presented at the club's Christmas Dinner. If I can contact him by 2-meters before this is mailed to the editor, the information will be appended at the end of the column.

Remember My Deadlines

Remember, the *Repeater Journal* is published each February, May, August and November. And if you write for the you must put the material in the mail by the first day of the month preceding the Month on which a particular issue is printed. My

deadlines for copy are the first of January, April, July, and October. And I usually write my column on the two weeks prior to deadline -- and often at deadline. By that time if I find something is missing (a date, a location, etc.) from a story it may be too late to search out the information via a radio contact.

WEST VIRGINIA PACKET NEWS

This issue's packet news is also going to be a bit skimpy. Early in November I zapped chips in three Commodore 64 keyboards -- two of them belonging to friends -- and in my Digicom modem. A short or some sort of glitch occurred while I had my own Commodore hooked up. That's when the chip in the modem went off like a holiday sparkler. I had no idea such a tiny component could produce such spectacular fireworks! Then I hooked up the others and while using them my monitor screen gave up on alphanumeric characters and filled up with graphic symbols. Each gave several days of use before they died. No wonder I am beginning to suspect my power supply.

Fred Jones, WA4SWF, Louisa, KY, wrote me a long letter with a few comments about packet so with a dearth of other sources I will touch on many of Fred's comments and concerns. Fred said he would like to see a lot more use of packet with the traffic system.

He doesn't really understand the way they are using packet for traffic, and asked "how many times do you see these guys on your screen?"

Some, Fred says, say such things as "I think it is stupid to sit there and talk to a machine." He counters with the comment that he has gotten from packet bulletin boards more files than he has seen in many books and magazines. "I have gotten some maps," he wrote, "and listings of nodes and club members, not to mention the number of messages I have sent and received using the system."

Fred continued: "Show me a better way than packet to send ten pages of a manual to someone at no charge! And it will be correct as entered."

Using packet, he says, leads to learning a lot about computers in networking. I got a lot more out of my Commodore than just playing games."

Concludes on Page 41

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15 Oz. can Scotchkote coating . . . \$10.00

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Hard Line and Connectors

West Antenna can also supply 1/2, 3/8, 1 1/4, and 1 3/4 inch hard line in corrugated copper, as well as 1/4 inch corrugated copper superflex. We also have a limited stock of hard line connectors. If we do not have the connectors you need, they can be supplied within approximately 10 days.

Cadweld

The fastest and most reliable connections for buried or above ground rods. This system provides a molecular bond that can't loosen, can't corrode, isn't subject to galvanic corrosion, and is capable of carrying more current than the grounding conductor itself. West Antenna Corporation can supply and install ground systems for commercial tower sites.

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10 or more	60¢
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10 or more	25¢

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Stainless Steel Strapping Kits

Stainless steel strappings kits, for strapping hardline or multiple runs of Coax. Kits come with 25, 50, or 100 feet of stainless steel strapping and buckles.

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We have what you need - wire, fuse blocks, fuses, connectors, relays! You want your Mobile Low Band or amplifier installation to work efficiently. We have the proper wire, fusing and parts needed for a perfect installation.

WIRE - Single Conductor-Stranded.
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#10 wire . . . 30¢ per foot
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FUSE BLOCKS - Our fuse blocks are rugged, holding fuses much larger than the little 3AG glass type. This prevents overheating and voltage loss with high currents. Set screws in end of fuse blocks will accept wire up to #6.

30AMP Fuse Block \$4.95
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Fuses - 5,6,7,8,10,20,25,30 Amp
. 80¢ each
35,40,45,50 & 60 Amp. Fuses also available upon request.

RELAYS - These Motorola Type A style relays can be installed near the fuse block in the fenderwell and remotely switched under the dash with a small toggle switch. Excellent for switching high current lines. Relays are a closed type with screw terminals for mounting
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12 V \$34.95
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Insulators \$2.40
10 or more \$2.10

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WEST VIRGINIA NOTES CONTINUED

He said he has now upgraded to a clone 80286-CPU system which has expanded his knowledge of computers, not to mention all the good new friends he has made.

Fred again stressed the need for updated path maps so newcomers will have some idea of how to reach distant packet destinations. He also fingered one of my pet peeves -- nodes that do not really tell you much when you connect to them and call for Information. He would like the Information command to return such information as location (city, county, State and grid area) and any BBS servicing the node. Some I have connected to, show no more information than you get when you initially connect. It doesn't help if the "I" command only comes back with the node's alias and call. Still, there are some which are very informative, telling you not only that you are working a node on such and such a frequency (you usually already know that) but if a stack listing the other aliases or calls with SSIDs which may be used to cross over from one frequency to another.

Fred ventured to say that probably many hams don't even know about the weather station on packet at the Charleston NOAA weather station to which, in times of emergency or severe weather, you may post



Hold This Screw For Me - Please!

Lovell Webb, N8LW, Charleston, with magnetic screwdriver extends part to Ted Wolfe, WD4KHL to hold. Lovell was dismantling Wolfe's Commodore to see if he could get it going again. Ted had the misfortune of a glitch which blew his Commodore and a couple of "loaners" from friends. -Photo by Sam Moore, W8NCD.

weather observations from your locality. That information can assist the weather forecasters and can be interesting to other hams.

I hope you have enjoyed reading some of Fred's comments. Maybe next issue he

will provide more information on attempts in Kentucky to formalize a Kentucky Packet Network structure.

In lieu of much to write about for this issue, I am sending the editor a number of photographs for him to consider running with this column.

The Wood County (WV) Emergency Services RACES newsletter several months ago revealed plans for the group to organize a 145.69 packet route system to cover the Mid-Ohio Valley. Since then I have heard from Bob, N9DMK, that at least one node, perhaps two in the Charleston region will be added to the link. That is a story that is still developing so I will have to delay any details until I can get a more complete picture to pass along to you.

The Blair Mountain BLAIR node on 145.07 has been picking up users. Efforts are being made to keep it a LAN for users with no crossovers or BBS on the frequency. I will be able to write more knowledgeably about that one I get back up on packet and can get on the frequency and see who is using the system and from where, and just how they are utilizing the frequency.

Send Correspondents News!

Several SERA States now have state correspondents who write about your state and the hams and repeaters. If your repeater group or club has newsworthy events happening send them to your correspondent. Pictures good too! A good way to get into the Journal.

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DJ-160T, 2M 20 Mem. Full Featured H/T	\$249.00
DJ-162TD, 2M Full Fea. H/T (Actl. AM - w/Alk Batt Case)	\$229.00
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EAST TENNESSEE NEWS

-by Tim Berry, WB4GBI

Send news to: 214 Echodale Lane, Knoxville, Tn. 37920

As this is being written, the new year is a few days old. I hope everyone had a wonderful holiday season and that 1992 is off to a great start.

Randy Stephens, KC4PDQ, has coordinated 449.700/444.700 for his new repeater in Maryville. The GE Mastr pro machine is located atop Reservoir Hill and covers Maryville and most of Knoxville as well. It is only running 15 watts now-just wait until Randy gets it up to full power!!

As reported in the last JOURNAL, the WB4NKM 220 beacon will be moved to a new frequency of 222.058 Mhz. The location is tentatively set for 4800' AMSL Viking Mountain, which is where Larry's 53.01, 145.41, 224.94, and 444.650 repeaters are. And if that wasn't enough, Larry has just coordinated 29.54/29.64 for a ten meter repeater up there as well! Look for this repeater to join Larry's other excellent repeater family soon.

Joe Wolfe, KC4RGQ, has coordinated 223.04/224.64 for a new repeater to be

located with the 147.03 machine atop Clinch Mountain. This repeater should have excellent coverage of the Middle East Tennessee area. This will bring to five the number of new 220 repeaters on 220 in this area in recent months. Who said 220 is dead? NOT ME!! This band is hopping with activity in our area! (And a "sneak peak" of coordination activity going on sez there's more to come!) Good Luck, Joe!

Ronald Russell, KA4AZQ, is operating his new repeater on 147.195 Mhz from Red Oak Mountain near Lake City. This machine is co-located with the 224.22 repeater (KB4FZK/R). Ron has informed me that both repeaters have experienced some stray signals from time to time due to band openings and distant co-channel users. To ease this problem, he has opted to use a CTCSS decode tone when interference exists. If you are attempting to use this repeater and it won't respond, try encoding 100.0 Hz. (That's PL for all you Motorola types, Channel Guard for us GE types). The 224.22 repeater on the same site has this capability as well. I know of a couple of other repeaters that have had to take this

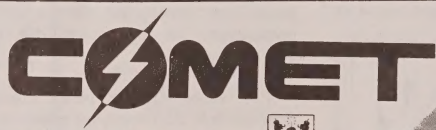
course of action as well. This does NOT in this case signify a closed repeater-especially when the tone is published in the JOURNAL and on the air!!

The Radio Amateur Club of Knoxville, operating W4BBB/R 147.30 and 224.50, has purchased two new ICOM repeaters to replace the existing Spectrum machines which will be placed in standby service. The two new repeaters will be linked together by an also new Link Communications RLC-II controller. This will allow the club to once again have the Middle East Tennessee Emergency net on both repeaters and also broadcast the "Westlink" report as well. The older homebrew controller had been bitten by the lightning bug.

Can I get away with this? I did save it for last - the WB4GBI 145.47 repeater has a new Motorola Micor series receiver! This repeater is on View Park Hill in South Knoxville and celebrates its ELEVEN YEAR anniversary this year. The original GE progress line (yes, I said progress line) transmitter is going strong after 11 years of continuous service.

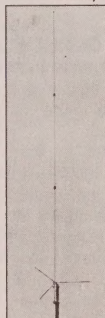
Where is YOUR repeater information? It could be here . . . if you will send it to me!! More coordination news next time . . . Stay tuned!!

Let The Journal Be Your Guide

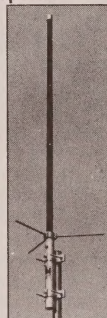


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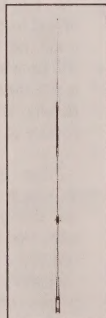
CA-2x4MAX
Gain & Wave:
146MHz 8.5dB
5/8 wave x 3
446MHz 11.9dB
5/8 wave x 8
Max Power: 200 watts
Length: 17' 8"
Connector: UHF



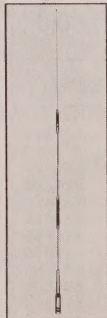
CA-2x4FX
Gain:
146 4.5dB 446 7.2dB
Max Power: 200 watts
Length: 5' 11"
Connector: UHF



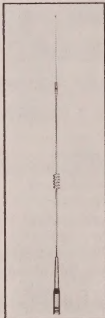
24 Karat Gold Center Conductor COMET PRESTIGE



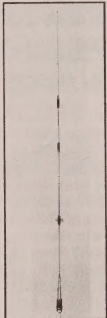
CPR-5800
Gain & Wave:
146MHz 5.0dB
7/8 wave
446MHz 7.0dB
5/8 wave x 3
Max Power: 120 watts
Length: 5'
Connector: UHF



CPR-5600
Gain & Wave:
146MHz 4.3dB
5/8 wave
446MHz 7.0dB
5/8 wave x 3
Max Power: 120 watts
Length: 4' 6"
Connector: UHF

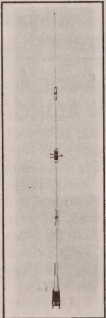


CPR-5400
Gain & Wave:
146MHz 3.5dB
1/2 wave
446MHz 5.0dB
5/8 wave x 2
Max Power: 120 watts
Length: 3' 2"
Connector: UHF



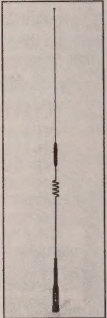
CA-2x4MB
Gain & Wave:
146MHz 4.5dB
7/8 wave
446MHz 7.0dB
5/8 wave x 3
Max Power:
150 watts FM
Length: 4' 10"
Connector: UHF

2x4 Series Best Sellers

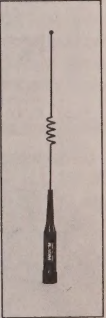


CA-2x4SR
Gain & Wave:
146MHz 3.8dB
5/8 wave
446MHz 6.2dB
5/8 wave x 2
Max Power:
150 watts FM
Length: 3' 4"
Connector: UHF

NEW B Series Black Anodized



B-20
Gain & Wave:
146MHz 2.15dB
1/2 wave
446MHz 5dB
5/8 wave x 2
Max Power: 50 watts
Length: 30"
Connector: UHF



B-10
Gain & Wave:
146MHz 0dB 1/4 wave
446MHz 2.15dB
1/2 wave
Max Power: 50 watts
Length: 12"
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SOUTH CAROLINA NEWS

-by Gary, WD8OXE & Donna, KB4TUY Foster

Send news and correspondence to: 670 Foster Road, Inman, SC 29349

As 1991 came to a close there were many exciting projects going on in South Carolina. Many repeaters in the Low Country and along the coast can now link together or cross band repeat.

The Southern Bell Pioneers 220 Network is now coming on line with the West Springs (Union Country) 224.44, KT4G repeater and the Charleston 224.64, KA4NRL repeater now in operation.

There is now an organized effort underway to establish a State-wide 2 meter linking system. With this and the 220 linking, we will greatly enhance our emergency capabilities, bringing the statewide ham community closer together and better prepared if another Hugo-type disaster should occur.

Since the last issue of the Repeater Journal we have started receiving newsletters from the Charleston ARS, Anderson ARC and the Grand Strand ARS. These newsletters provide us with valuable information on happenings in your area. We would like to hear from other parts of the state and especially the lowcountry around Allendale, Walterboro and Beaufort, where

we do not have 2 meter coverage from our home.

Thanks to everyone who has taken the time to give us information through the mail, talked to us on a repeater or given us guided tours of your repeater site. You or your group can send us info by mail @ 670 Foster Rd. Inman, S.C. 29349, WD8OXE@WV4B on Packet or call us @ 592-3609.

While traveling through Sumter in December we had a QSO with Jim, AC4HU on the 147.015 (WD4UNU) Repeater. Jim informed us that we were talking on a new machine that had recently been installed at the site. Jim then called Al, WS4P, who gave us the details on the repeater. The repeater is a GE Repeater running 100 watts with split antennas on a T.V. Broadcast tower approximately 5 miles southeast of Sumter. The receive antenna is located at the 800 ft. level of the 1500 ft. tower and the transmitter antenna is at 300 ft. Plans call for the transmitter antenna to be raised 500 ft. on an adjacent tower. Al stated the mobile coverage was approximately 60 miles. As we went by Little Mountain on

I-26 (Approx. 70 miles) we still had Q5 copy using a Quarter wave antenna. A call was also made on the 146.64 and 147.06 in Sumter but no one responded to the call. 145.13 was also tried but is either down or off the air.

SOUTH CAROLINA PACKET NEWS

New Mini-Converse NODE ON 145.61

The upstate Lan has placed a new CV node on the air on Tryon Peak with the call N4HWU-1. A CV node is not a digipeater but is more like an FM voice repeater where everyone sees or hears what everyone else is typing in the keyboard to keyboard QSO. The node has 255 channels starting with channel 0. To connect, go to 145.61 and connect to USL. The node will respond with *** CONNECTED to USL (Date Time) USL:N4HWU-1> Mini-Convers. Type /HELP for help.

Commands are as follows:

/? Print help information
/BYE Terminate the conver session (Disconnect)
/CHANNEL n Switch to channel n
/EXIT Terminate the convers session
/HELP Print help information
/INVITE (call) Invite user to join your channel
/MSG user text Send a private message to user
/QUIT Terminate the convers session
/WHO List all users and their channel numbers
/WRITE user text Send a private message to user

The node is working great using a MFJ interface and a Motorola Transceiver running 10 watts. Stations from Charlotte, Anderson, Columbia, Chester, Asheville and Hickory have checked into the node. Future plans call for emergency exercises and net operations.

From the Country Ham, N4CII Bubba, we have the following:

Low Country packet news: CHS (node) 145.01; CHS5 (digi) 145.05; CHS220 (digi) 223.4 have been relocated to a 300 ft tower just North of Goose Creek off US 52 at the Strawberry Plantation courtesy of LCARDS (Low Country Amateur Radio Digital Society). Bubba also tells us that there has been a lot of keyboard to keyboard activity on the 145.25 repeater. There is no squelch tail or hang time so the system works very fast.

The Oakbrook area of Summerville has a digipeater on a 100ft tower with the call SVL on 145.05. As most of you already know, here in the Upstate the K14FL BBS is off the air. Jim provided his 1st class board for all to use for many years. Jim cited problems with moving traffic in and out of N.C. and his desire to move onto other things in his ham hobby.

The following news was provided to us by the Charleston Amateur Radio Society.

Concludes on Next Page

ALINCO FROM WILLIAMS

What would you call a new Dual Band Radio that does everything you can think of, more than any of the rest on the market, and priced below most NORMAL - type Dual Banders?

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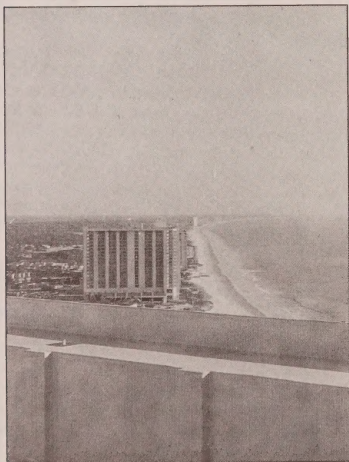
SOUTH CAROLINA NEWS CONTINUED

The 146.79 repeater has a problem with severe intermod getting into the receiver and is off the air. The 145.25 machine is working well with the simplex autopatch doing a good job. The 147.00 repeater is working as expected with full autopatch and

Myrtle Beach Repeater Site



Jack Wood, KB4CB and Gary Foster, WD8OXE stand on the chilly deck to look down the Grand Strand from the Myrtle Beach repeater site. The building houses a 2M repeater, 440 link and 2M remote base giving reliable communications to Myrtle Beach and surrounding areas. The Conway WD4JMT 145.11 repeater is only 5 miles away to the West. -photos ctsy of Gary Foster, WD8OXE



When standing on the tall building housing the WD4JMT Myrtle Beach 147.12 repeater, a great view of the beach can be had. This view is to the North toward North Myrtle Beach and Wilmington.

linking on demand to the 146.67 machine in St. Matthews. A new repeater is planned for the USS Yorktown on 146.76 which will be linked to the 147.00 for wide coverage with a full autopatch. A 10 meter repeater is planned for the Summerville area in the near future and will be linked to the 147.00 repeater.

The Anderson Radio Club held a repeater open house and cookout on October 27th on top of Sassafras Mountain (The highest point in the state). The tour and cookout had a good turn out with great weather and food for all. (Courtesy Anderson ARC newsletter)

The Blue Ridge ARC 224.92 W4NYK repeater is up and running on Roper Mountain at the Science Center. The mobile coverage is approximately 30 miles with some shadowing toward Paris Mountain. John, ND4N reports there is some intermod at present but he is working to solve the problem.

Dick, AD4U reports that his 146.67 repeater in St. Matthews now has cross band 2m/440 repeat. Chuck, KC4PPL and Robert, KC4TVG installed the Diamond dual band antenna at the 150 ft. level of the tower. Dick reports that when using the 2 meter link he can talk to all the major

Perry Looking For Well Versed Youngsters

Carole Perry, WB2MGP is looking for youngsters who are eloquent speakers and well versed in Amateur radio to get in touch with her to take part in the *Dayton Hamvention Youth Forum*. She may be reached at (718) 983-1416 or P.O. Box 131646, Staten Island, NY 10313-0006.

Amateurs are also invited to bring their youngsters to the Youth Forum to hear the licensed children speak about what they enjoy about ham radio.

(Ed. Note: Carole Perry is a nationally known educator in New York, famous for her "in-class" Amateur radio instruction to children.)

repeaters in the state including the 147.12 in Myrtle Beach and repeaters in Western N.C.

The Spartanburg ARC has installed a new antenna on the 147.09 repeater. The old antenna had developed unknown problems and had greatly reduced the range of the repeater. The new antenna is a 4 pole dipole array with omni directional coverage. The repeater now covers all but the northern most part of the county with mobile coverage.

Summerville Fox Hunt Turns Into Real Thing

KC4PPL, AC4FD and KC4TVG organized a Fox Hunt during the evening on Saturday, October 16th. The hunt was announced 2 weeks in advance and brought people out of the woodwork. AC4IH brought a 8 element quad, WA4HVP a 3 element yagi and KC4QCE a ARRL handbook project called a Adcock antenna to name a few. A total of 14 hams showed up for the start including Charleston's youngest ham KD4AOG, 11-year-old Tod Rignel. The boundaries were set and the rules called for the hidden transmitter to be found by three teams. Everyone involved was paired for safety and the local police were notified of the event. The first hunt took 25 minutes, the second hunt 55 minutes, and the third took 35 minutes. The hunt was coordinated on the 147.00 repeater. Hams from all around the Charleston area after listening to the hunts started to arrive, by the last hunt a total of 25 hams had got the bug to join in. Later that evening a carrier locked down the repeater for over 2 hours. Using their new found fox hunting skills, they triangulated the source of the interference. As it turned out a local hams radio had malfunctioned after he laid his mic down to go to bed. A bad mic cord had caused the rig to key up. Once found the ham was awakened by two hams at his doorstep at 12 midnight. We now have people in the area wanting us to organize another hunt and word has even gotten to the Orangeburg area according to KC4TVG and hams have been coming on the 147.00 repeater asking how to organize their own hunt.

ROA, #ROA, #RKE22, DXBVD5, DXINT, DXNC, DXCLT, DXLEX, DXRKE, DXGSO
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SERA Full Membership Climbs to New Highs in 1992!

- by Wayne C. Williams, K4MOB

It's almost embarrassing to report the same old headline every year - but what can we say about those North Carolina repeater owners. THEY SUPPORT SERA THE MOST! So we give credit where credit is due.

North Carolina again took the double prize in the startup of our 1992 Full Membership drive. The Tarheel state's repeater owners responded with a whopping 67.4% of all repeaters. They also won the overall total membership startup with 180 repeaters already Full Members by the Jan. 15th deadline.

Overall SERAs 8 states did well again this year. We have a startup of 796 Full Member repeaters of the total 1,601 in our territory or 49.7%. This represents an astonishing 91 more new members than at the same time last year. More repeater owners will sign up each quarter as the year progresses, or as they suddenly discover they forgot to send in their dues. Presently we are only shy 41 repeaters of the entire 1991 membership drive. Full Member SERA

SERA - Southeastern Repeater Assn. Full Membership

By State - By Year - From 1983 to Present Date

SE DIST	TTL '83	TTL '84	TTL '85	TTL '86	TTL '87	TTL '88	TTL '89	TTL '90	TTL '91	CUR '92	1992 Mbr%	STE RPT
NC	100	83	149	147	123	145	181	157	189	180	67.4%	267
SC	24	35	56	43	44	46	59	50	53	53	46.9%	113
VA ⁽¹⁾	58	60	92	88	98	99	151	122	127	118	60.8%	194
WV	28	21	41	40	51	39	51	54	67	63	60.6%	104
TN	47	58	85	63	80	80	111	128	155	143	42.7%	335
GA ⁽²⁾	9	18	109	125	110	100	104	124	142	158	51.0%	310
KY ⁽³⁾	1	4	18	21	19	15	48	53	66	58	36.5%	159
MS ⁽⁴⁾	--	--	--	--	--	3	12	36	38	23	19.3%	119
TTL	267	279	550	527	525	527	717	724	837	796	49.7%	1601

(1) Total Virginia list does not include 75 repeaters which are included in T-MARC Territory, North of Highway 33 and Latitude 38-degrees North. Also 5 repeaters in West Virginia Panhandle area, which are also T-MARC coordinated.

(2) Georgia assumed SERA District Status in mid 1985

(3) EKY assumed SERA District in 1985, Western Ky in late 1989. District renamed Kentucky District at that time.

(4) Mississippi assumed SERA District status in late 1989.

Updated as of 1-28-92

supporting repeaters are identified in the Repeater Index with a star (*) beside their listing. A "D" beside the listing indicates "Delinquent" membership where a repeater was a member in 1991 and has not yet renewed in 1992.

An "N" beside the listing indicates

the repeater owner is not, or has not been a full member recently. In the Virginia and West Virginia listing, an "M" indicates that repeater is in the T-MARC coordination territory.

Tennessee turned in another great

Continued on Page 48

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TS-450SA/T---	10-160, QSK-WITH AUTO/TUNER-----	1,299.00
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TM-241A-----	2MT-50 WATTS-20-MEM-DTMF MIC-COMPACT---	369.00
TM-741A-----	2MT/440 MULTI-BAND FM-WIDE REC-DTMF MIC	719.00
UT-220S-----	220MHZ MODULE FOR TM-741A-----	269.00
TH-27A-----	2MT HT-COMPACT-41 MEMORIES-WIDE REC----	319.00
TH-77A-----	2MT/440 HT-42 MEMORIES-AUTO DIALER-----	479.00

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DR-570T-----	2MT/440 45/35-WATTS-W/DUPLEXER-----	529.00
DR-590T-----	2MT/440 45/35-WATTS-REMOTE-----	559.00
DR-599T-----	2MT/440 DELUXE-DUAL BAND-REMOTE-SOON---	CALL
DJ-160T-----	2MT-HT-2/WATTS-----	249.00
DJ-560T-----	2MT/440-HT-2/WATTS-DUAL-DELUXE-----	369.00
DJ-FIT-----	2MT-2.5 WATTS-MINI HT-----	279.00

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REPEATER JOURNAL

VEC/VE EXAMINATIONS

The VEC/VE Exam schedule is published Free as a public service of SERA. Schedules are supplied by individual VEC/VE teams. For quarterly changes, or additions, write the Repeater Journal Editor. SERA cannot assume any responsibility for erroneous or outdated listings other than typographical errors.

TENNESSEE

Blount County, Maryville WCARS-VEC

Second Monday on each even month. Sked: Apr. 13, Jun. 8, Aug. 10, Oct. 12, and Dec. 14, 1992. 7:00 P.M. at St. Andrews Church Hall, W. Broadway, Maryville. Walk-ins normally accepted. Contact: Carol Peabody, W4PCA (615) 982-5839. Talk-in: 146.85.

Carter County WCARS-VEC

Limited walk-in exams given on the fourth Friday evening of each odd numbered month at 7:00 p.m. Must be registered one half hour before exams. Walk-ins are limited to test materials on hand. Schedule: Mar. 27, May 22, Jul. 24, Sep. 25, and Nov. 27, 1992. at Moody Aviation, Carter City, Airport. Contact Joe Hopkins, K4BKI, 414 E. "H" St., Elizabethton, TN. 37643 (615) 543-4022 or Jon Christiansen, AB4NN, Echo Dr., Elizabethton, TN. 37645 (615) 543-7155.

Chattanooga WCARS-VEC

Walk-in exams held on the first Monday of odd numbered months at Walker County Civic Center, Hwy. 27, Rock Springs, Ga. at 7:00 p.m. Schedule: Mar. 2, May 4, Jul. 6, Sep. 7 and Nov. 2, 1992. For more information, contact: Alan Painter, WA4QCH, 234 Wallaceville Rd., Rossville, Ga. 30741, or Dale Harwood, N4VFF, Rt. 4, Box 297-B, Hwy. 41N, Ringgold, Ga. 30732. (404) 937-5680.

Fentress County WCARS-VEC

Walk-in exams scheduled third Thursday night of first month of quarter at 7:00 p.m. at First Baptist Church. Schedule: Apr. 18, Jul. 18 and Oct. 17, 1992. For information, contact: Mike Ledbetter, AB4BX, (615) 879-8626 or alt: Steve Qualls, KJ4HT, (615) 879-7517. Talk-in: 147.09.

Gallatin WCARS-VEC

Walk-in exams held first month of each quarter, Apr. 18, Jul. 19, and Oct. 3, (Gallatin Hamfest) 1992. Except for hamfest exams, others held at Volunteer State Community College, Gallatin. For more information, contact: Ronnie L. Gilley, K4LUG (615) 452-0883 or Jerry Goodchild, K4DZR, (615) 824-7699.

Greeneville WCARS-VEC

Walk-in exams on 4th Saturday of each odd-numbered month at Roby Adult Center on College St. Sked: Mar. 25, May 23, Jul. 25, Sep. 26, and Nov. 28, 1992. Contact: Jack Creed, K4EPC, 826 Rosebud Dr., Greeneville, TN. 37743. (615) 638-7056. Talk-in: 147.39 & 224.94.

Henry County WCARS-VEC

Walk-in exams held about every 6 weeks at 9:00 a.m. at Henry County High School, Paris. Schedule: Mar. 7, Apr. 18, Jul. 11, and Oct. 3, Nov. 14, 1992. Contact Mackie Gallimore AA4YF, (901) 247-5489. Alt. Les Merrell, KQ4F, (901) 642-5966. Talk-in: 147.165.

Jasper WCARS-VEC

Pre-Registrations preferred some walk-in exams limited to test materials on hand, held each second Sunday afternoon at Jasper Public Library at 1:00 p.m. Schedule: Mar. 8, Apr. 12, May 10, Jun. 14, Jul. 12, Aug. 9, Sep. 13, Oct. 11, Nov. 8, and Dec. 13, 1992. Charles Wooten, KD4XX, (615) 942-5116. Talk-in: 145.19.

Knoxville WCARS-VEC

Pre-Registrations accepted in exam room until 9:30 a.m. Code tests begin at 10:00 a.m. and written elements at 11:00 a.m. Third Saturday of each month normally. Upgrades only. Novice testing on request from N4BAQ, ND4F, WA4GZE, N4JUL, W4MHA, WA4TKN and others. Pellissippi State Tech. Room B-129. (except Hamfest dates)

Use-pre-registration required. Schedule: Mar. 21, Apr. 11 (if Oak Ridge Hamfest, May 16), Jun. 6 (Knoxville Hamfest), Jun. 20, Jul. 18, Aug. 15, Sep. 19, Oct. 17, Nov. 21, and Dec. 19, 1992. Contact: Ray Adams, N4BAQ, 4325 Felty Dr., Knoxville, TN. 37918. (615) 688-7771. Alt. Rich Slover, ND4F, P.O. Box 30754 Knoxville, TN. 37930, (615) 539-4821. Talk-in: 147.30 & 224.50

Loudon County, Loudon WCARS-VEC

Fourth Saturday of each even month, at Third National Bank on U.S. 321 E. (321 is Exit 81 on I-75, then East to Bank) Walk-ins normally accepted. Sked: Feb. 22, Apr. 25, Jun. 27, Aug. 22, Oct. 24, and Dec. 26, 1992. Contact: Bob Gray, KE4SK (615) 458-6115. Talk-in: 145.17.

McMinn County WCARS-VEC

Exams on 2nd Monday evening at 8:00 p.m. of each odd numbered Month, at Athens Municipal Building Council Chambers. Walk-ins accepted. Sked: Mar. 9, May 11, Jul. 13, Sep. 14, and Nov. 9, 1992. Contact: Evan Ray, WA4PNI. (615) 263-9300. Talk-in: 145.31

Memphis WCARS-VEC

Walk-in exams held 3rd Saturday of each even month and each 4th Saturday at 9:00 a.m. at Central Church on Winchester Road. Schedule: Feb. 22, Mar. 21, Apr. 18 & 25, May 23, Jun. 20 & 27, Jul. 25, Aug. 15 & 22, Sep. 26, Oct. 17 & 24, Nov. 28, Dec. 19 & 26. Contact: Win Guinn, W2GLJ, (901) 754-4552 or Nita Wofford, N4DON, (901) 363-4971.

Morgan County WCARS-VEC

Second Saturday of each odd month at Joyner Volunteer Fire Dept., Coalfield. Walk-ins normally accepted. Schedule: Mar. 14, May 9, Jul. 11, Sep. 12, and Nov. 14, 1992. Contact: Paul Seavers, AA4UP (615) 435-0080. Talk-in: 146.745.

Morristown WCARS-VEC

Walk-in exams 1st Thursday of each odd-numbered month, at 7:30 p.m. at the Red Cross Building. Schedule: Mar. 7 (Morristown Hamfest), May 7, Jul. 2, Sep. 3, and Nov. 5, 1992. Contact Roy Zeigler, KF4CB (615) 586-3491, or D.C. Gluck, WD4FOX, (615) 586-2041 for information. Talk-in: 147.225

Roan County WCARS-VEC

Walk-in exams are held on the second Saturday of each even month at Pond Grove School, Rockwood. Schedule: Apr. 11, Jun. 13, Aug. 8, Oct. 10, and Dec. 12, 1992. Contact: Richard Spillee, AA4KS, (615) 354-4281. Alt. Bill Smelser, KA4AAD, (615) 882-9070. Talk-in: 147.015.

WEST VIRGINIA

Bluefield W5YI-VEC

Exams (Novice thru Extra) second Saturday each Quarter during 1992, Feb., May, Aug., and Nov. 9:00 a.m. Bluefield State College. Walk-ins are preferred. Contact: Don Williams, WA4K, (Bluefield VE Team) (703) 326-2411 or (703) 326-3338.

Charleston, W5YI-VEC

The Kanawha Valley group gives Novice thru Extra class exams at 9:00 a.m. 3rd Saturday of each month, at Holy Trinity Catholic Church in Nitro. Walk-ins are accepted. Talk-in on 40-00 St. Albans repeater.

HUNTINGTON, TARA W5YI-VEC

The Tri-State ARA VE Team will conduct Walk-In Exams at the Our Lady of Fatima Church, 545 Norway Ave. Huntington. Check-in by 9:15 a.m., exams at 10 a.m. Bring photo ID, current license and copy. Schedule: Apr. 11, Jun. 13, Aug. 8, (tentative) Oct. 10, and Dec. 12. For further exam information Contact: Jim Baker, K8KVX, (304) 736-6542.

VIRGINIA

Bedford ARRL-VEC

Walk-in exams for all classes are held every 2nd Sunday of the month at 1:00 p.m. at the Liberty Lake Park Administration Building. For further info, contact August Meidling, N4PVU (703) 297-5515

Danville W5YI-VEC

Walk-in Exams for all license classes are held the last Tuesday of each month January through November, 1992 at Danville Community College, Hill Building. Registration starts at 6:30 p.m. Contact Richard Marshall, WB4CCT, (804) 793-

0772 for further information.

Roanoke WCARS-VEC

Upgrades only. Novice testing on request from AF2D or W4OLD. Pre-registration only. For information on upcoming exams, contact Fred L. Horton, K24Y, 4024 Oakland Blvd., Roanoke, Va. 24012. (703) 366-6266, or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022, (704) 344-7000. Talk-in on 146.985.

Norfolk, Va. Beach, Hampton Roads, Portsmouth, Chesapeake, Wmsburg.

All exams: Walk-ins are ok, but contact person would like to know in advance you are coming. Bring original license and photo copy and any license upgrade certificates. See individual exam announcements for appropriate contact person. ARRL EXAMS - make check for \$5.40 payable to ARRL/VEC. For W5YI Exams - make check for \$5.40 to Bill Verebely/VEC. For Hampton Roads Radio Assn. exams, make check out to HRRRA/VEC.

Southeastern Virginia Schedule

CHESAPEAKE DX ASSN. (W5YI/VEC). Contact Bill Verebely, KC4YX, 424-4764. Sked: Jul. 11. HAMPTON ROADS RADIO ASSN. (W5YI/VEC) contact Bill Runyon, N4BDH at 487-8611. Sked: Feb. 15, May 20, Aug. 1, & Nov. 21. PORTSMOUTH ARC (ARRL/VEC) Contact Art Thiems, AA4AT at 484-2857. Sked: May 2 & Nov. 7. SOUTH PENINSULA ARC (ARRL/VEC) Contact Ed Brummer, W4RTZ at 898-8031. Sked: Mar. 7. VIRGINIA BEACH Hamfest/ARRL Roanoke Division Convention - Exams September 19, at Va. Beach Pavilion-Hamfest site. For information contact - Ed Brummer W4RTZ 898-8031. VIRGINIA BEACH ARC (ARRL/VEC) contact Ed Robinson, WD4GOY, 468-0866. Sked: Jun. 6, & Dec. 5. WILLIAMSBURG ARC (ARRL/VEC) Contact Andrew Swanson, WJ4XC at 253-2811. All exams walk-ins only. Sked: Apr. 4, & Oct. 10.

NORTH CAROLINA

Asheboro VE Team

Exams held each quarter at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times when there are sufficient examinees to warrant an exam session. For exact dates or further information, contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, N.C. 27230. (919) 629-5516.

Asheville WCARS-VEC

Walk-in exams are held on the last Saturday of April, July and October at 9:00 a.m. at the Health and Social Services Bldg. April 25, July 25 at Hamfest and Oct. 24. Contact Norman G. Harrill N4NH, 7 Skylyn Ct., Asheville, NC (704) 253-1192. Talk-in: 146.91 & 224.60.

Charlotte Hamfest March 8

FCC exams will be scheduled at the Charlotte Hamfest/Computer fair in Charlotte, N.C. on March 8, at 9:00 a.m. NO WALK-INS. Pre-registration must be received by February 29. Send completed form 610, photocopy of license and any certificates, plus \$5.00 fee to: Charlotte VEC, 227 Bennett Lane, Charlotte, NC 28213.

Greensboro W5YI-VEC

Walk-in exams for all license classes are held the 3rd Thursday of each month, at the Trotter Center on Vandalia Rd., January thru November, 1992. Registration starts at 6:30 p.m. For more information, contact WB4CCT, WB4WOR, N4GGD, N4BYU or W3GRG on the 146.75 repeater, or call Real Talk (919) 289-2525. Prompt 0076, on a touch tone phone to get the latest exam updates.

High Point TEARC-VEC

Exams are scheduled on an occasional basis in High Point. Call Jim Williamson, NQ4T at (919) 841-7576 for more details. Special sessions are also available for groups of 5 or more applicants, call to set up a session.

Kernersville TEARC-VEC

Exams are scheduled each 1st Saturday of the Month at 9:00 a.m. at the Kernersville Public Library. Contact Jim Williamson, NQ4T at (919) 841-7576 for details.

Leicester WCARS-VEC

VE Exam Schedule Continued Next Page

VEC/VE EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

Walk-in exams held second Saturdays each quarter, at 9:00 a.m. at the Leicester VFD on Hwy. 63, 9.3 Mi N of Hwy 19 & 23 (Patton Ave.-Asheville). Schedule: Mar. 21, Jun. 13, Sept. 12, and Dec. 12. Contact: Larry E. York, WB4PLA, Rt. 4, Box 420, Leicester, NC 28748. (704) 683-1400. Talk-in on 146.835 & 224.66.

Marion WCARS-VEC

Walk-in exams will be held on May 9, Aug. 15, and Nov. 21 at the Asheville Federal Bank on Main St. Contact: John Garrou II, KC4PGN, Rt. 1, Box 222C, Old Fort, NC 28762. (704) 724-4083. Talk-in on 146.985.

New Bern WCARS-VEC

Walk-in exams held at New Bern High School. Schedule: Apr. 4, Jun. 6, 1992. Remaining 1992 schedule to be announced later. For info contact: Andy Grieflith, W4ULD, 203 Lord Granville, Dr., Rt.2, Morehead City, NC 28557. (919) 726-5924.

Raleigh and Durham

Raleigh ARS and Durham FMA VEs conduct examinations alternating monthly between Durham and Raleigh. Pre-registration generally requested, but walk-ins are accepted until 30 minutes prior to exam time. Contact: AA4MY or KY4Y for further information and schedules.

Rutherford County WCARS-VEC

FCC Exams are held at Isothermal College in Spindale on the 3rd Saturday, 1st Month of each quarter. Apr. 18, Jul. 18, & Oct. 17. For information contact: A.B. Brackett, KC4DJ, Rt. 2, Box 242, Bostic, NC 28018 (704) 245-63344 or Alternate: F. Bruce Tessier, KD4QJ, P.O. Box 341, Henrietta, NC 28076. (704) 657-5464. Talk-in on 147.24.

Salisbury W5YI-VEC

Salisbury VE team has Exams on 2nd Sunday of each month, at 1:00 p.m. Location is at the Rowan County Public Library. For more information contact: Isabelle Ledford, AB4UX, P.O. Box 826, Cooleemee, N.C. 27014. (704) 284-2414.

Tarboro ARRL/VEC

The Tar River ARC gives exams every two months at the Heritage Hospital in Tarboro at 9:00 a.m. Bring I.D., orig and copy of license. Schedule: Mar., 14, May 9, Jul. 11, Sep. 12, and Nov. 14. For further information or assistance, contact Bill Thomas WF2G, 652 Short Spoon Cir., Rocky Mt., NC 27804. (919) 442-6131 (*Ed. Note: brochure did not mention walk-in, however did not indicate pre-registration required. Suggest call.*)

GEORGIA

Augusta, ARRL-VEC

Walk-in exams conducted 2nd Saturday, every even month at Fort Gordon, Bldg. 31424 at 9:00 a.m. Schedule: Apr. 11, Jun. 13, Aug. 8, Oct. 10, Dec. 12. Contact: Ace Norton, NA4I (404) 798-5060. Talk-in 146.985.

Augusta WCARS-VEC

Exams on 2nd Saturday of each Odd numbered month at Sue Reynolds Community Center. Code tests at 10 a.m. Written elements at 11 a.m. Walk-ins normally accepted. Schedule: Mar. 14, May 9, Jul. 11, Sep. 12, and Nov. 14, 1992. Contact Jim Abercrombie, N4JA, 2360 Travis Pines Rd., Augusta, Ga. 30906. (404) 790-7802. Talk-in: 145.49.

(Metro Atlanta Area Examinations)

Lawrenceville W5YI-VEC

Exams scheduled 1st Sunday each month at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Walk-ins accepted. Contact Duane Reynolds, WB2YAD, 962-9582.

Peachtree City CA-VEC

Exams scheduled 1st Saturday at 9:00 a.m. at Peachtree City City Hall. Take exit 12 off I-85 and go South on Hwy 74. Walk-ins ok. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell CA-VEC

Exams scheduled 1st Monday of each month at 7:00 p.m. at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine

McCarthy, KM4FV 993-9758.

Stone Mountain CA-VEC

Schedule is 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, 5312 W. Mt. St. Walk-ins accepted. Contact Hal Martin, K14RD, 469-6430.

Southern Tech CA-VEC

Exams on 3rd Saturday each month. Walk-ins accepted. 9:00 a.m., at Southern Tech, Room 4310, Academic Bldg., (Exit 112 from I-75) Contact Hal Martin, K14RD, 469-6430.

DeKalb County CA-VEC

Walk-in exams held 4th Thursday of the month at 7:00 p.m. at DeKalb Co. Police, E. Precinct, Lithonia. Contact Harvey Pearson, WB4PHF, 972-5061.

North Atlanta ARRL-VEC

Walk-ins accepted for exams held on 4th Sunday each month at 2:30 p.m. at Church of the Atonement on Highpoint Rd. Contact Neil Foster, KC4MJ, 449-3340.

Dalton WCARS-VEC

Exams on last Saturday of each even numbered month at Unity Baptist Church at 3:00 p.m. Pre-registration only - send 610 to arrive no later than day before exam. Schedule: Feb. 29, Apr. 25, Jun. 27, Aug. 22, Oct. 24, and Dec. 26, 1992. Contact Bert L. Coker, N4BZJ, 1320 Michael Dr., Tunnelhill, Ga. 30755. (404) 673-2214. Alt. Contact, Harold W. Jones, N4OTC, P.O. Box 211, Rocky Face, Ga. 30740. (404) 278-7077. Talk-in: 147.315 & 224.74.

KENTUCKY

Hazard WCARS-VEC

Examinations usually held on some Tuesdays at 7:00 p.m. at Ray G. Eversole School. Walk-ins normally accepted. For exact dates and additional information, contact John Farler, K4AVX, (606) 436-5354.

Middlesboro WCARS-VEC

First Thursday of each mid-quarter month at Middlesboro Library at 6:00 p.m. Walk-ins normally accepted. Schedule: May 7, Aug. 8, and Nov. 5, 1992. Contact: Andrew A. Pitt, WB8WEZ, (606) 248-0046 or alternate James Dyke, KZ8A, (615) 869-4453. Talk-in: 146.775.

SOUTH CAROLINA

Charleston WCARS-VEC & W5YI VEC

Walk-in Exams will be held third Saturday of each month at 9:00 a.m. at Trident Tech College. Even months by W5YI team, and odd months by WCARS team. 1992 schedule: Feb. 22 (at hamfest site), Mar. 21, Apr. 18, May 16, June 20, July 18, Aug. 15, Sep. 19, Oct. 17, Nov. 21 and Dec. 19. Contact: Pat Foster, AC4IH, 117 Keenan Ave., Goose Creek, SC 29445. (803) 553-3871 or Werner E. Dolder, AA4IX, 322 Heber Rd., Summerville, SC 29483. (803) 873-9465. Talk-in on 147.27.

Charleston Hamfest, Feb. 22, 1992

VE Exams will be given at the Charleston Hamfest site on Feb. 22, 1992 beginning at 9:00 a.m. For more information, contact Jenny Myers, WA4NGV (803) 747-2324 or Linwood Sikes, N4LS (803) 556-5566.

Columbia, WCARS-VEC

Walk-in exams held on third Saturday of even months, at the Red Cross Bldg., Bull Street and Harden Ext., in Columbia at 8:30 a.m. Schedule: Feb. 15, Apr. 18, Jun. 2, Aug. 15, Oct. 17, and Dec. 19, 1992. For info, contact: Ray Rogers, N4WVR, P.O. Box 550, Chapin, S.C. 29036. (803) 345-3373.

Greenville WCARS-VEC

Exams 1st Saturday of each odd-numbered month at 8:30 a.m. at Greenville Technical College Library Auditorium. (Locations to be announced) Walk-ins normally accepted. Schedule: Mar. 7, May 2, Jul. 11 (date chgd. to avoid holiday), Sep. 12, and Nov. 7, 1992. For More information and locations contact John Chism, ND4N, 203 Lanewood Dr. Greenville, SC 29607. (803) 268-0136. Talk-in 146.61

Lancaster W5YI-VEC

Novice thru Extra. Pre-Regis. or Walk-ins. 9:30 a.m. USC, Main Bldg. Talk-in: 10-70. Contact Grady Robinson, AK4N, 902 Forest Dr., Lancas-

ter, SC 29720. (803) 283-8298. Call or write for exam dates.

Spartanburg WCARS-VEC

Exams 2nd Tuesday of each even-numbered month at 7:00 at Spartanburg Chapter of the American Red Cross on Garner Road. Walk-ins normally accepted. For information contact: Pete Theiler, K14KN, P.O. Box 5369, Spartanburg, SC, 29304. Phone 585-4919 (night) 578-5566 (day)

Sumter WCARS-VEC

Walk-in exams are held each 3rd Saturday of odd numbered months at the Abundant Faith Church on Hwy. 521, at 8:30 a.m. Schedule: Mar. 21, May 16, Jul. 18, Sep. 19 and Nov. 21, 1992. Contact: Dan Mask WB5SGH, 404 Sanders Drive, Sumter, SC 29150. (803) 775-9106.

MISSISSIPPI

Gulfport ARRL-W5YI VEC

Exams held at Harrison City. Courthouse in CD conf. room at 8:00 a.m. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

Ocean Springs ARRL-W5YI VEC

Exams will be held at 7:00 p.m. at Ocean Springs Library in meeting room. Pre-registrator, requested, limited walk-ins accepted. For exam schedules, contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

ARKANSAS

West Memphis WCARS-VEC

Walk-in exams are held on 2nd Saturday of each month at 9:00 a.m. at the Rosewood United Meth. Ch. 2303 E. Barton Ave. Schedule: Mar. 14, Apr. 11, May 9, Jun. 13, Jul. 11, Aug. 8, Sep. 12, Oct. 10, Nov. 14, and Dec. 12. Contact: Gene Bagley, AB5BL, Rt. 1, Box 13, Dunhill Rd. N. Marion, AR 72361. (501) 739-4020. Alt. Rev. Richard Gregory, AB4CH, 824 Pryor Dr., West Memphis, AR 72301. (501) 735-4060. Talk-in on 147.15.

IMPORTANT NOTE TO ALL VEC/VEs

In fairness to our readers who expect and deserve accurate up-to-date Examination information, the Repeater Journal updates this Exam schedule each issue as information is received from VECs and VE Teams. As dates become no longer valid, schedules are deleted unless new information is obtained. VECs who have never sent schedules for publication, are urged to do so. Our readers are calling and want your schedules. We hope you will respond responsibly. The listings are published FREE for our readers!

NC Forsyth Club Assists

The Winston-Salem, N.C., Forsyth Amateur Radio Club (W4NC) has taken on as a club project the assistance to David Ward, KA4LVO each quarter in to helping get out the Repeater Journal.

This valuable assistance with several assigned club members each issue, enables David to get the Repeater Journals labeled, bundled and bagged for mailing in one short evening.

David said he picks up the Journals from the printer, usually about 45 cartons, and carries them to his house, after dropping off dealer issues, and first class copies.

That evening, members of the club join David at his home, and with all hands working, peeling and sticking labels, the job is completed in just a few hours.

David said what once took an entire evening is now done in less than 4 hours.

SERA thanks the Forsyth Club for their great assistance in helping us get the Journal out in a timely fashion.

Let's Try A Directly Different Approach

-by Ray Adams, N4BAQ
SERA Treasurer

If you read our editorial on Page 1, you remember we touched on ways to get to the amateurs who are coming into our ranks, and letting their know about SERA. We mentioned our repeater users membership is much less than it should be, and something needed to be done about this situation.

This time, let's be DIRECTLY DIFFERENT. Is it possible to make the contact in the exam room and catch the newcomer before the license authorizing two meter operation is even issued! This would allow us to get in front of those who buy the mailing lists. Could we actually make contact just as they created the statistic but before the statistic was in fact reported?

Could we accomplish this contact through the VE program itself? MAYBE.....

If we could get mailing lists of the VE team leaders, Chief VEs, Liaison VEs, etc. we might. We could ask them to pass out (SERA) WELCOME COUPONS to the applicant who qualifies for access to two meters at the time he qualifies for those privileges.

This coupon, needing only a stamp attached, could become a postcard already addressed to the Tobaccoville PO Box and will be the document from which a mailing label is prepared. The label will be used to address a complimentary copy of the next issue of the REPEATER JOURNAL to come off the press. We simply cannot afford to mail it singly. Economics of the matter dictate we let it get caught in the bulk mailing to come about with the next issue. And, if this program should really catch on to the point it increased our press run, we would know how many we needed to print, too!

The complimentary label will have a WELCOME NUMBER on the top line. If that welcome number is written on an associate member application form by the newcomer and, with accompanying remittance, mailed back before the following issue gets mailing labels printed, the newcomer will get an associate membership that will last through FIVE ISSUES of the JOURNAL rather than the normal four. We know there is no provision on the form for such a number, but write it on there anyway, WE WANT IT TO BE CONSPICUOUS! We're actually going to give the newcomer the first JOURNAL, then give him an extra issue on his initial year as an associate member. From then on in, he is simply "part of the gang" and we hope he stays with

us through the years to come.

We believe we did in fact scrap around and get the addresses of a representative number of the VE teams. We have already mailed packages of the coupon to the addresses available to us, and the supply will be replenished as needed. We've also furnished a larger supply to each VEC we believe to be active in the area and asked them to distribute them to any new team that organizes. If DIRECTLY DIFFERENT proves successful, it could easily be a permanent arrangement.

If you are a VE and your team didn't get a supply of coupons, by all means drop us a QSL card or something and let us know. If you know a VE team we missed, cause someone to contact us. We don't care what VEC you coordinate your testing through, if you are testing periodically anywhere in the eight states in which we coordinate repeaters, we will be happy to send a package of coupons. Just let us know an address.

Your applicants will be glad to get the coupon ONLY THEY can use! We know many, if not most, will not have a call sign, or if they do it will probably be of such recent vintage that no callbook will show it. That's just the people we want to find. He should have a call sign by the time the welcome number is sent back in, maybe.

We do ask that the coupon's use be restricted to the operator who has initially qualified for two meter operations. If a Novice makes Advanced class, by all means give him one, but if a Technician upgrades to a higher class license, we sort of think he should have joined while he was Technician. WE WANT THE NEWCOMER TO TWO METERS! And don't forget the new

Technician, PLUS or MINUS! If he is newly authorized to operate on two meters, we're looking for him just as we believe he is looking for us!

The coupon is reproduced on this page for your information.

It's not often someone gives anything away for free with no strings attached, but we are going to do just that. If the newcomer sends in the coupon and gets the complimentary issue, then fails to take us up on the five issue subscription for the price of a normal year, we'll survive. I doubt we will even follow up to see what happened to him. He has at least had the opportunity to decide if we are worth his \$6.00 per year. He knows a little more about the environment of Amateur Radio that he has entered. We certainly haven't hurt him and we will hopefully leave him with possibly a little better taste in his mouth for the repeater world of Amateur Radio.

Full Membership Is Up!

Continued from Page 45

showing this year with 143 members. They began their great march last year, and it apparently is continuing in '92.

Georgia, again has a good start with 158 members, followed by Virginia with 118, to land them 2nd place in percentages with 60.8%, followed by West Virginia with 60.6%.

Mississippi in their 5th year, is getting a slow start with only 19.3%.

See the chart on page 45 for complete membership breakdowns by State.

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536 - DELTA II NEW! 100-watt XCVR, w/SW Receiver	\$1,429.00
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Amateur Foundation To Administer Forty Five Scholarships in 1992

-Special to the Repeater Journal

The *Foundation for Amateur Radio, Inc.*, a non-profit organization with headquarters in Washington, D.C., plans to administer 45 scholarships for the academic year 1992-1993 to assist licensed Radio Amateurs. The Foundation, composed of 50 local area Amateur Radio Clubs, fully funds five of these scholarships with the income from grants and its annual Hamfest. The remaining 40 are administered by the Foundation without cost to various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or

technical school. The awards range from \$500 to 2,000 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs are encouraged to announce these opportunities at their meetings, on their nets, during training classes, and in their club newsletters.

Additional information and an application form can be requested by letter or QSL card, postmarked prior to May 31, 1992 from: FAR Scholarships, 6903 Rhode Island Avenue, College Park, Md 20740.

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(c)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purpose of the Amateur Radio Service.

Help Your Favorite Dealer Obtain Bonus Bucks!!

Most all dealers in the SouthEast sell the *Repeater Journal*. Each of them also have a supply of SERA Associate Membership Applications.

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Next time in, grab a handful of applications, pass them out to new ham friends and tell them to join SERA. You'll help your favorite dealer with "Bonus Bucks" and you'll do your new ham friend a great favor.



South Eastern Repeater Association, Inc. Full Repeater Membership Application

Membership Dues through Dec. 31 are \$15.00 - all repeaters, and 2 representatives

Please fill out the Full Member Application. Maximum number of letters for your repeater Name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps and receive the Repeater Journal. MAIL YOUR CHECK AND APPLICATION TO: SERA MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050

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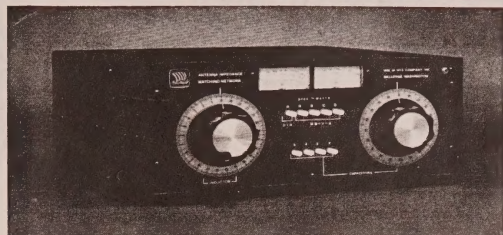
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PS-35	internal power supply	199.00	BPF-1	dual BFP X band svc	154.00	DR-599T	2mtr/70cm remotable	649.00			
PS-55	20 amp external ps	199.00	FNB-12S	600mah 12v Ni-Cad	64.00	EDC-19	seperation kit 9' 590/599	37.00			
R-1	.1-1300mhz am/fm/wfm	529.00	FNB-14	1000mah 7.2v	62.00	EDC-20	seperation kit 16' 590	39.00			
R-71A	100khz-30mhz receiver	869.00	FMB-17	600mah 7.2v	46.00	EJ-7U	tone squelch for 590T	75.00			
R-72	30khz-30mhz receiver	799.00	DVS-1	digital voice memory	99.00	EJ-8U	dtmf squelch for 590T	52.00			
R-100	.1-1856mhz receiver	599.00	DVS-2	digital voice memory	279.00	R. F. CONCEPTS					
R-7000	25-2000mhz receiver	1029.00	DVS-3	digital voice memory	124.00						
BP-3	250mah 8.4v Ni-Cad	38.00	FM-747	FM for FT-747	47.00						
BP-4	battery case AA	16.00	FVS-1A	voice synth FT-736	37.00						
BP-5	425mah 10.8v Ni-Cad	62.00	MD-1C8	desk microphone	109.00						
BP-5A	425mah 10.8v direct chg	62.00	MH-1B8	hand microphone	29.00						
BP-7	425mah 13.2v Ni-Cad	74.00	MH-12A2B	spkr mic large size	36.00	RFC 2-23	2 mtr 2 in / 30 out	124.95			
BP-8	800mah 7.2v Ni-Cad	74.00	MH-18A2B	spkr mic. small size	29.00	RFC 2-317	2 mtr 30 in / 170 out	259.95			
BP-83	600mah 7.2v Ni-Cad	47.00	NC-15	quick charger 727/209	95.00	RFC 2-417	2 mtr 45 in / 170 out	259.95			
BP-84	1000mah 7.2v Ni-Cad	72.00	NC-29	quick charger 411/470	65.00	RFC 2/70	144/440 5 in / 30-200ut	219.95			
BP-85	340mah 12.0v Ni-Cad	92.00	PA-3	mobile dc adapter	28.00	RFC 2/70G	144/440 5 in / with GF	239.95			
BP-90	battery case AA	16.00	PA-6	mobile adap 411/470	22.00	RFC 3-312	220mhz 30in/120out	259.95			
CP-11	cig lit plug/noise filter	18.99	SP-5	ext. speaker w/filter	144.00	RFC 4-310	440mhz 30in/100out	309.95			
CP-12	cig lit plug/noise filter	18.49	SP-6	ext. speaker FT-990	144.00	AMERITRON					
CP-13	cig lit plug/noise filter	18.49	SP-767	speaker w/filters	99.00						
HM-46	speaker/microphone	31.99	SP-767P	speaker w/patch	136.00						
HM-46L	speaker/microphone L	31.99	YSK-1L	separation kit 5200	59.00						
SM-6	desk microphone 8 pin	45.00	G-250	lt duty rotator 4 sq ft	111.00						
SM-8	desk mic 8 pin up/dn	84.00	G-400RC	lt/med duty 11 sq ft	229.00						
SP-3	desk speaker 725/735	62.00	G-800S	hvy duty rotor 20sq ft	289.00	KANTRONICS					
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Charleston II Hamfest Scheduled In July '92

The Trident ARC is planning their first hamfest, which will be held on July 11 near Summerville and Charleston, SC at The Charleston Southern University Fieldhouse at I-26 and US-78.

The Event has been named *Charleston II*, Summer Hamfest & Computer Expo.

3 Ham Shuttle Flights Scheduled This Year

-Tx Westlink Report

If everything going according to plan, this year should be a bonanza for live US Amateur radio operations in space. At least three flights are scheduled to carry Amateurs aboard shuttles, a chance for you to work or at least hear one of the astronauts is better than ever before.

This Spring, Atlantis is due to life off on mission STS-45. Three of the crew plan to get in some serious hamming on 2-Meter FM

In June, STS-50 will go up aboard spacecraft Columbia. The 13-day flight will have at least one Amateur aboard.

In August, STS-47 will have an Amateur aboard the new shuttle Endeavour.

See CQ March '92

Page 109

-by Buck Rogers, K4ABT

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Model 9120 - 20M	Model 9106 - 6M
Model 9117 - 17M	Model 9100 - *

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OUTSIDE TAILGATE SPACE \$5.00

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1992 HAMFEST PREREGISTRATION FORM

Mail check, S.A.S.E. and this completed form to:
R.V.A.R.C., P. O. Box 2002, Roanoke, Virginia 24009.
WE MUST RECEIVE THIS BY MAY 9, 1992.

NAME: _____ CALL: _____

ADDRESS: _____ PHONE: _____

CITY: _____ STATE: _____ ZIP: _____

I would like _____ Hamfest Tickets @ \$5.00 each \$ _____

Reserve _____ Commercial Dealer Spaces @ \$20.00 each \$ _____
(1 - 8 ft. table, includes 2 chairs)

Reserve _____ Each Additional Dealer Table @ \$20.00 each \$ _____

Reserve _____ Inside Fleamarket Tables @ \$10.00 \$ _____
(1 - 8 ft. table, includes 1 chair)

Reserve _____ Outside Tailgate Space @ \$5.00 each \$ _____

Reserve _____ Electricity Hookup @ \$15.00 \$ _____

Make checks payable to R.V.A.R.C.

TOTAL \$ _____

SERA REPEATER JOURNAL

Hamfest Calendar

Permission is granted for re-publication or any use of all or any part of this Calendar as long as proper credit is given to the **SERA Repeater Journal**. The Journal assumes no responsibility to the accuracy of listings, other than to correctly republish, upon notification in writing.

Correct as of 1-28-92

FEBRUARY 1992

- 1 Hamfest at Kerbella Temple, Knoxville, SEVIERVILLE, TN
- 8-9 Tropical Hamboree, MIAMI, FL
- 8-9 Capitol City Hamfest, JACKSON, MS
- 14-15 (Fri, Sat) 13th Annual Hamfest & Computer Show, SARASOTA, FL
- 15 Hamfest, PENSACOLA, FL
- 16 Hamfest, ELKIN, NC
- 22 Hamfest, (Nat'l Guard Armory), CHARLESTON, SC
- 22-23 Ohio State ARRL Div. Conv./Hamfest, CINCINNATI, OH
- 23 14th Annual Hamfest, FAYETTEVILLE, WV
- 23 Vienna Wireless Soc. Winterfest, VIENNA, VA
- 29 Hernando Cty. ARAs 10th Annual Hamfest, BROOKSVILLE, FL
- 29 Hamfest, DALTON, GA
- 29 CCARS, Winter Hamfest, CAMP HILL, PA

MARCH 1992

- 1 5th Annual Springfest (Ham & Computer Show), YORK, PA
- 7 Mammoth Cave ARC Hamfest, CAVE CITY, KY
- 7 Swapfest, MORRISTOWN, TN
- 7-8 Hamfest/Computer Show, CHARLOTTE, NC
- 13-15 Hamcation, ORLANDO, FL
- 20-22 Hamfest, LAFAYETTE, LA
- 21 Kennehooshee ARC, MARIETTA, GA
- 21-22 Swapfest, FT. WALTON BEACH, FL
- 27-28 Antique Wireless Assn. SE Regional Conf., MONROE, NC
- 28-29 Hamfest, COLUMBUS, GA
- 28-29 21st Baltimore Hamboree/Computerfest, at Fairgrnds., TIMONIUM, MD

APRIL 1992

- 4-5 ARRL Delta Div. Conv./Hamfest, LITTLE ROCK, AR
- 11 SpringFest 92, CHESAPEAKE, VA
- 11 Hamfest, OAK RIDGE, TN
- 11 Middle Georgia Swapfest, WARNER ROBINS, GA
- 11-12 Hamfest, NATCHEZ, MS
- 12 Hamfest & Computer Show, CHARLESTON, WV
- 12 NC State ARRL Conv./RARS Hamfest, RALEIGH, NC
- 12 Penn-DeI ARC Hamfest, NEW CASTLE, DE
- 19 Carroll Cty. Computerfest & Hamboree, WESTMINSTER, MD
- 24-25-26 41st Hamvention, (Hara Conf. & Exh. Cen.), DAYTON, OH

MAY 1992

- 2-3 53rd Hamfest At Anderson Cty Fairgrnds, GREENVILLE, SC
- 2-3 Hamfest, BATON ROUGE, LA
- 9 Jackson Cty Hamfest, RIPLEY, WV
- 9-10 Hamfest, TOCCOA, GA
- 16 31st RVARC Hamfest - Mayfest '92, ROANOKE, VA
- 15-17 Rochester Hamfest, ROCHESTER, NY
- 16-17 Hamfest, BIRMINGHAM, AL
- 16-17 Andrsn, Hrtwl, Toccoa RC HF, HARTWELL, GA
- 17 TSRAC Hamfest, Computer Fair, WHEELING, WV
- 23 DurhamFest, DURHAM, NC
- 23 2nd Annual "Down East" Hamfest, KINSTON, NC
- 24 MD. FM Assn. Hamfest, (Howard Cty Fairgrnds), W. FRIENDSHIP, MD

JUNE 1992

- 6 Clev. ARC Starfest, CLEVELAND, TN
- 6 25th Annual RACK Hamfest, KNOXVILLE, TN
- 6 Athens RC Annual Hamfest, ATHENS, GA
- 7 Hamfest, COLUMBUS, OH
- 7 Hamfest, HUMBOLT, TN
- 7 Ole Virginia Hams - Hamfest, MANASSAS, VA
- 7 Hamfest, MUNCIE, OH
- 13 Hamfest, WINSTON-SALEM, NC
- 20 BLUEFIELD, WV
- 19-20 Albany ARC Hamfest, ALBANY, GA
- 21 Hamfest, FREDERICK, MD

JULY 1992

- 4-5 West Va. State ARRL Conv/Hamfest, JACKSONS MILL, WV
- 11 TARC, Charleston II Hamfest, CHARLESTON, SC
- 12 Summit ARAs Carol Cty. Hamfest/Computer Show, WESTMINSTER, MD
- 18 Summer Swapfest, CARY, NC

- 18 NC Chapter TSRAC "Firecracker" Hamfest, SALISBURY, NC
- 18-19 Hamfestival, ATLANTA, GA
- 25-26 WCARS Hamfest, Haywood Cty. Fairgrnds, ASHEVILLE, NC
- 26 BRATS Hamfest and Computer Fest, TIMONIUM, MD

AUGUST 1992

- 1-2* 19th Hamfest, JACKSONVILLE, FL
- 1-2 4th Annual High Point RC Hamfest, HIGH POINT, NC
- 2 42nd Winchester Hamfest, BERRYVILLE, VA
- 8* Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
- 9 Mid-Ohio Valley ARC Hamfest, PARKERSBURG, WV
- 9 Bluegrass ARS Hamfest, FRANKFORT, KY
- 9 Central Ky Hamfest, LEXINGTON, KY
- 9 Central ARRL Hamfest, GEORGETOWN, VA
- 15-16 Hamfest, HUNTSVILLE, AL
- 15-16* ARK-LA-TEX Hamfest, SHREVEPORT, LA
- 15-16* Hamfest, MOBILE, AL
- 20-23 ARRL Nat'l Convention/ Hamfest, LOS ANGELES, CA
- 22-23* Hamfest, MADISON, GA
- 23 GCARA Hamfest, CINCINNATI, OH
- 23 Hamfest, CEDARS OF LEBANON, TN
- 23* St. Charles ARC Hamfest '92, ST. CHARLES, MO

SEPTEMBER 1992

- 5-6* 35th Annual Hamfest, SHELBY, NC
- 12 Statesboro ARS Hamfest, STATESBORO, GA
- 12-13* Hamfest, MELBOURNE, FL
- 13 Foundation AR Hamfest, GAITHERSBURG, MD
- 13* Lanierland ARC Hamfest, GAINSVILLE, GA
- 19-20* Hamfest & Computer Show, MOBILE, AL
- 19-20 Hamfest/Computer Show, VIRGINIA BEACH, VA
- 20 Hamfest, SPRUCE PINE, NC
- 20 Hamfest, CLEVELAND, OH
- 26 Danville/South Boston 1st Annual Hamfest, DANVILLE, VA
- 26 Hamfest, ANNISTON, AL
- 26* TARA, Hamfest, HUNTINGTON, WV
- 26-27* Hamfest, LOUISVILLE, KY

OCTOBER 1992

- 3* Hamfest, ROME, GA
- 3-4* Miss. Coast ARA 15th Annual Ham/Swapfest, BILOXI, MS
- 3-4* 40th Annual Hamfest, ROCK HILL, SC
- 4 14th Annual CARA Hamfest, HOWARD CTY, MD
- 10-11* "Memfest '92" Hamfest, MEMPHIS, TN
- 10-11* 12th Ham Com-Vention, HOUSTON, TX
- 10-11* Hamfest, W.PALM BEACH, FL
- 11* Hamfest, MAYSVILLE, NC
- 18 39th Hamfest/Computer Show, AUGUSTA, GA
- 18 Triangle East ARA Hamfest, SMITHFIELD, NC
- 18 Tri-Cities Hamfest, GRAY, TN
- 24 Hamfest, SUMTER, SC
- 24-25* Hamfest, CHATTANOOGA, TN

NOVEMBER 1992

- 1 Mason-Dixon Hamfest, WESTMINSTER, MD
- 7-8* Ham Radio/Comp. Expo '92, LAWRENCEVILLE, GA
- 7-8* Hamfest, FT. LAUDERDALE, FL
- 8* Hamfest, CONCORD, NC
- 14 TVARN Hamfest, COOKVILLE, TN
- 15 4th Annual JARSFEST, BENSON, NC
- 21-22* Suncoast Conv. '92 TAMPA, FL
- 28-29 Hamfest, GREENSBORO, NC
- 22* 15th Annual Hamfest, MONTGOMERY, AL

DECEMBER, 1992

- 6 HolidayFest '92, LARGO, MD

CONFIRMED 1993 DATES

- 4/3 8th Annual CARS Chesapeake "Springfest", VA. BEACH, VA
- 8/13-15 ARRL Nat'l Conv/Hamfest, HUNTSVILLE, AL

Please note: The *Repeater Journal* maintains Southeastern show dates on our Database, and publishes them each issue. If Show unconfirmed it will be published from the February issue up to the issue preceding the quarter the show is tentatively scheduled, but will be deleted that final quarter. If Show is confirmed, we will publish each issue up to and including show date, free of charge, as a public service. Hamfest dates marked with an asterisk(*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of its accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible, to take full advantage of complete published Journal issues. We gratefully acknowledge special assistance in confirming dates from AUTO-CALL Magazine Staff, and Frank Butler, W4RH, ARRL SE Director.



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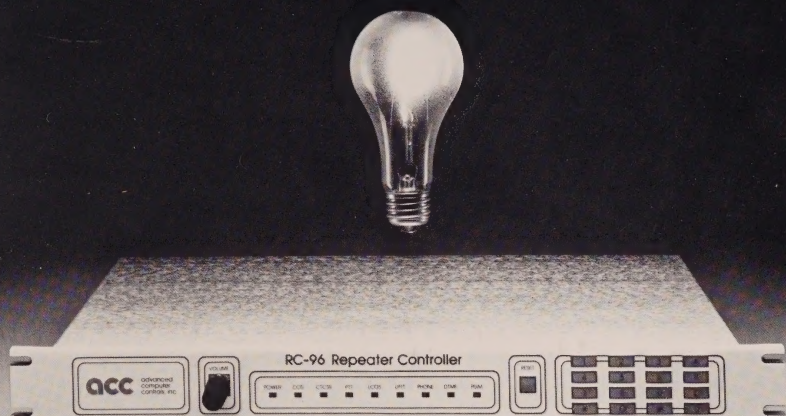
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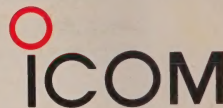
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